

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042816\OLD\
 Data File : BF086471.D
 Acq On : 28 Apr 2016 19:01
 Operator : UM/SJ
 Sample : H2702-06RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1C

Quant Time: Apr 29 08:53:28 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

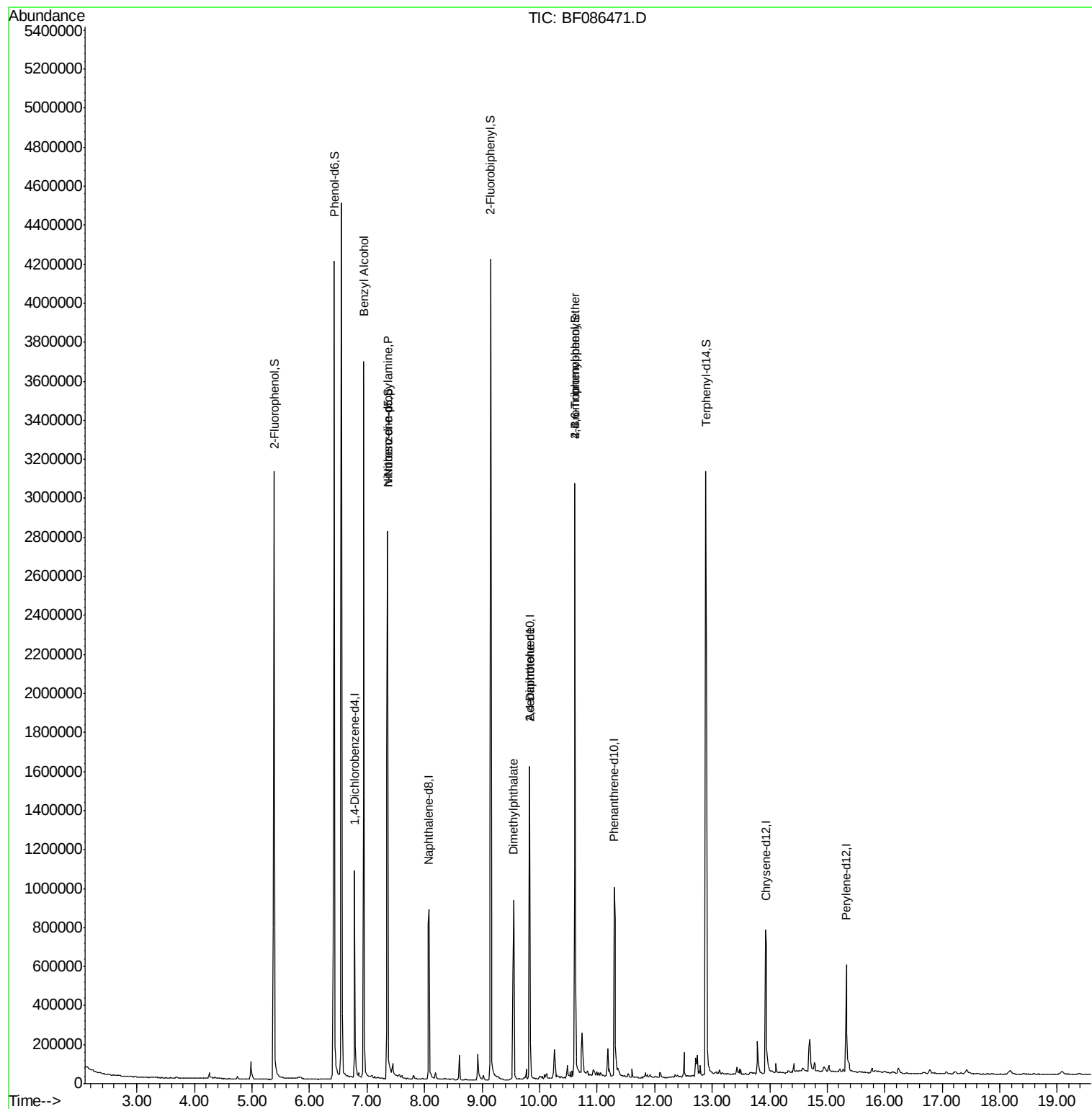
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	149373	20.00	ng	-0.02
21) Naphthalene-d8	8.08	136	619457	20.00	ng	-0.02
38) Acenaphthene-d10	9.82	164	310554	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	550774	20.00	ng	-0.02
75) Chrysene-d12	13.94	240	401977	20.00	ng	-0.02
86) Perylene-d12	15.33	264	290195	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1307061	150.93	ng	0.00
7) Phenol-d6	6.43	99	1785772	147.75	ng	-0.01
23) Nitrobenzene-d5	7.36	82	1170904	101.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	395958	120.90	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	1455058	81.20	ng	-0.02
78) Terphenyl-d14	12.89	244	1314517	72.04	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	6.94	79	18329	2.40	ng	# 38
19) n-Nitroso-di-n-propylamine	7.36	70	156966	19.65	ng	# 78
49) Dimethylphthalate	9.55	163	477927	20.44	ng	99
56) 2,4-Dinitrotoluene	9.82	165	39911	6.48	ng	# 16
66) 4-Bromophenyl-phenylether	10.61	248	23492	4.14	ng	# 1

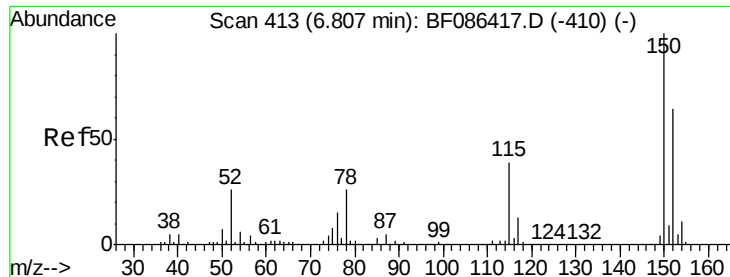
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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ClientSampleId :

TEC-COMP-B1C

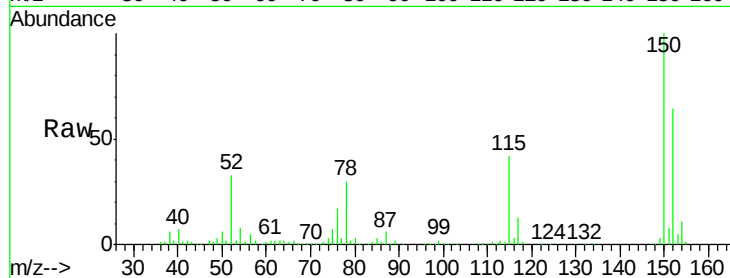
Tot Ion:152 Resp: 149373

Ion Ratio Lower Upper

152 100

150 155.9 125.8 188.6

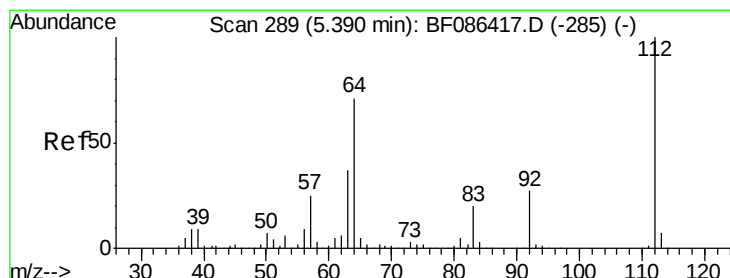
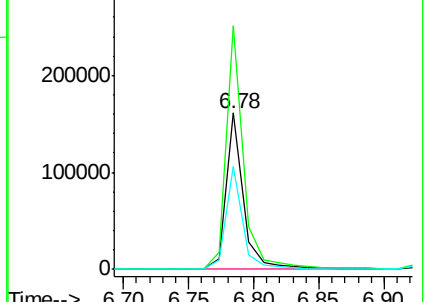
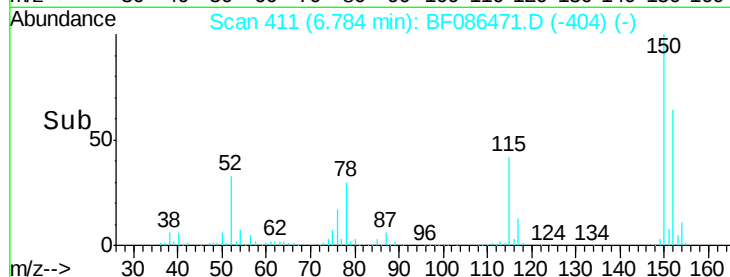
115 65.8 51.5 77.3



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: 150.93 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF086471.D

Acq: 28 Apr 2016 19:01

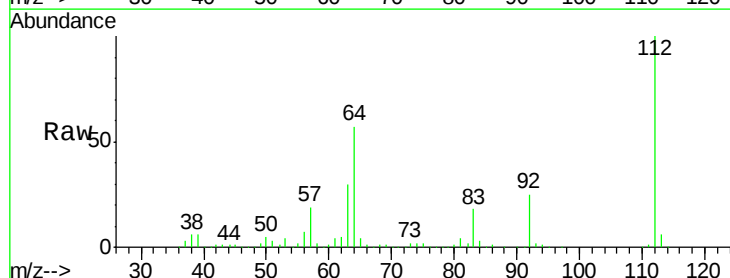
Tgt Ion:112 Resp: 1307061

Ion Ratio Lower Upper

112 100

64 56.6 52.1 78.1

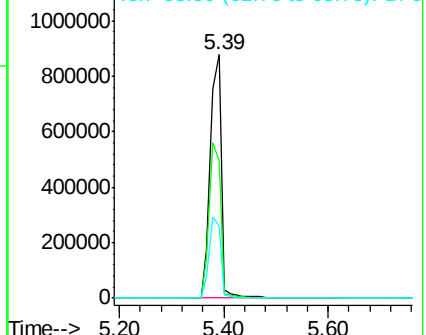
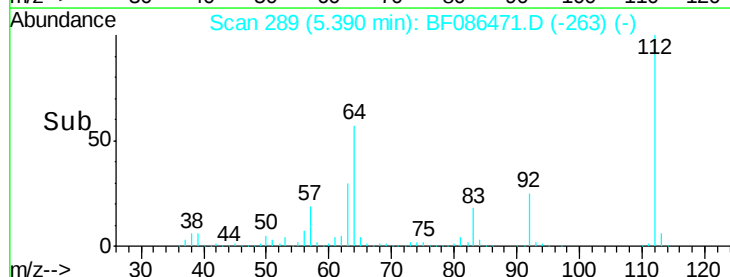
63 29.8 25.7 38.5

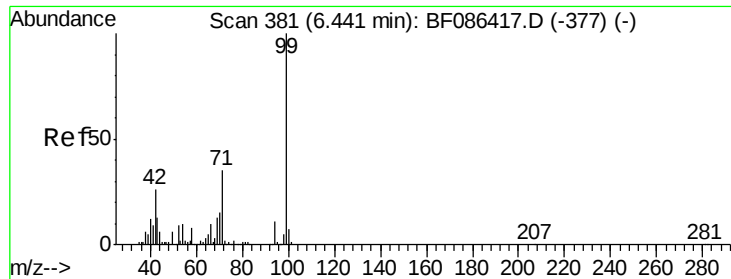


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.75 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF086471.D

Acq: 28 Apr 2016 19:01

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1C

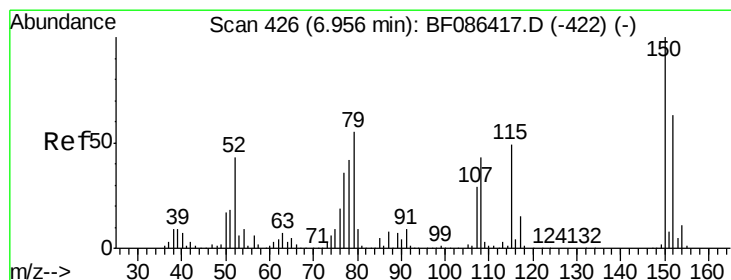
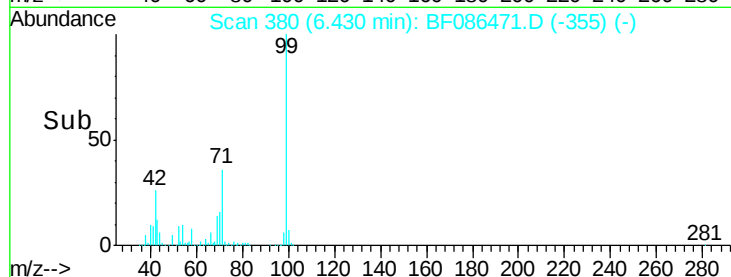
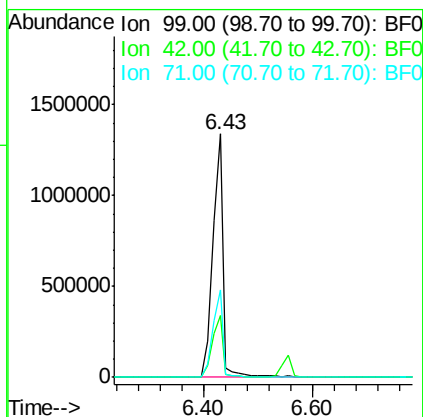
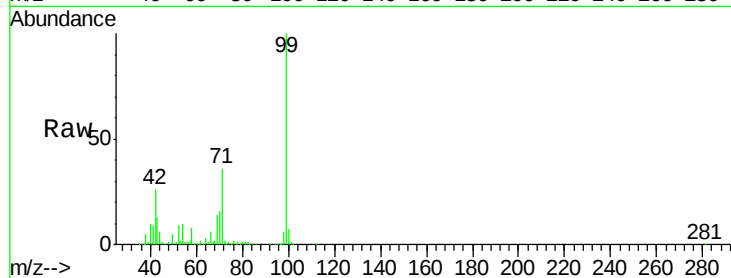
Tot Ion: 99 Resp: 1785772

Ion Ratio Lower Upper

99 100

42 25.6 13.6 20.4#

71 36.0 24.6 36.8



#15

Benzyl Alcohol

Concen: 2.40 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.01 min

Lab File: BF086471.D

Acq: 28 Apr 2016 19:01

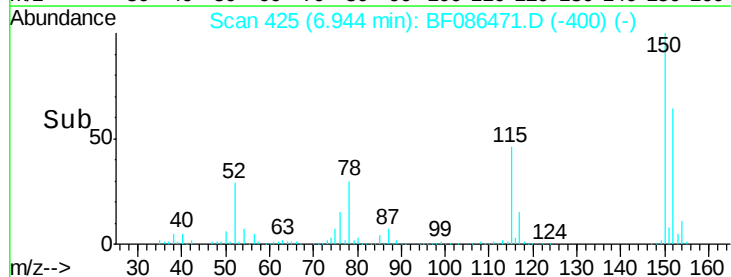
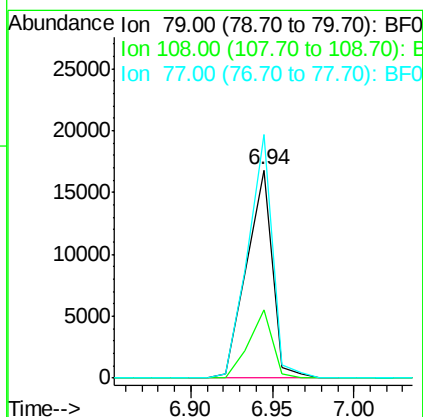
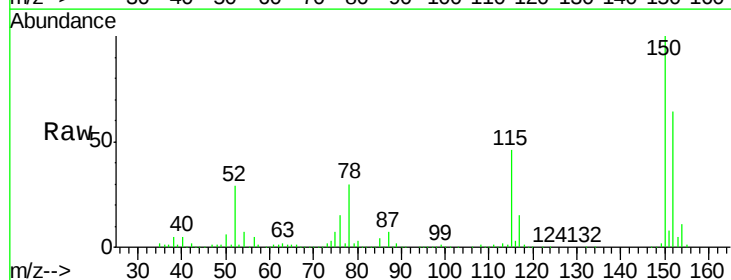
Tgt Ion: 79 Resp: 18329

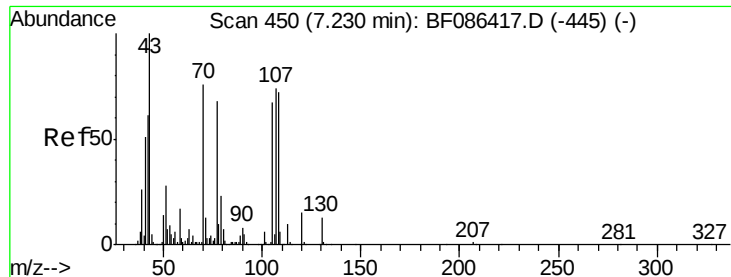
Ion Ratio Lower Upper

79 100

108 33.1 68.4 102.6#

77 116.9 50.6 76.0#

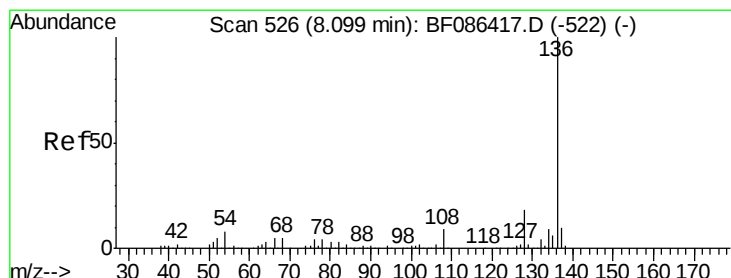
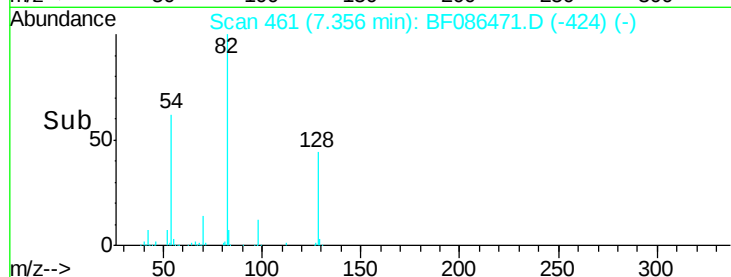
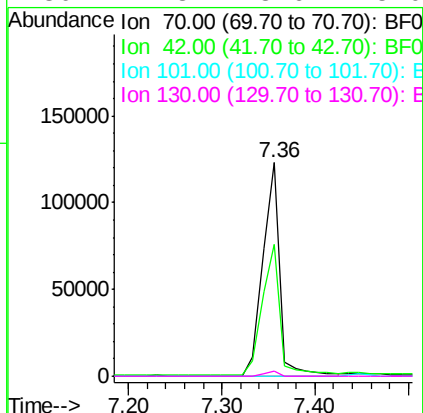
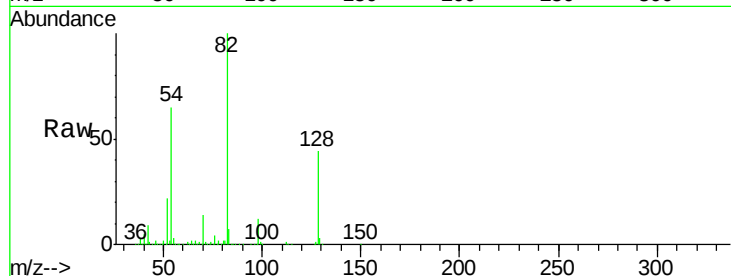




#19
n-Nitroso-di-n-propylamine
Concen: 19.65 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.13 min
Lab File: BF086471.D
Acq: 28 Apr 2016 19:01

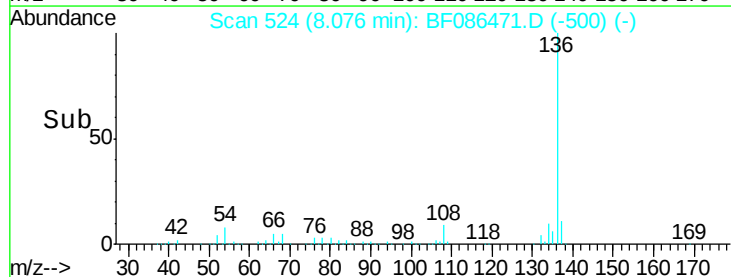
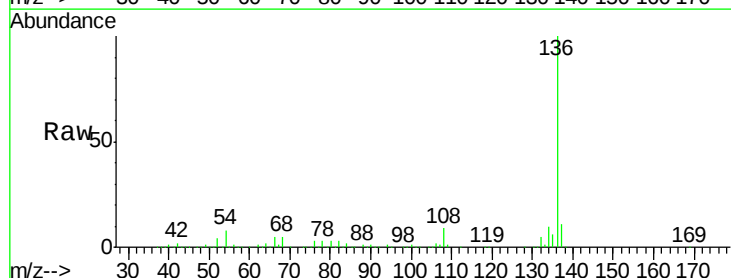
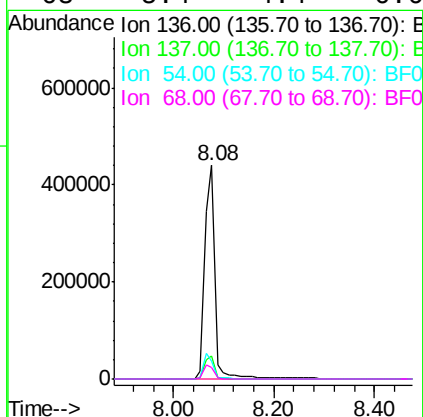
Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B1C

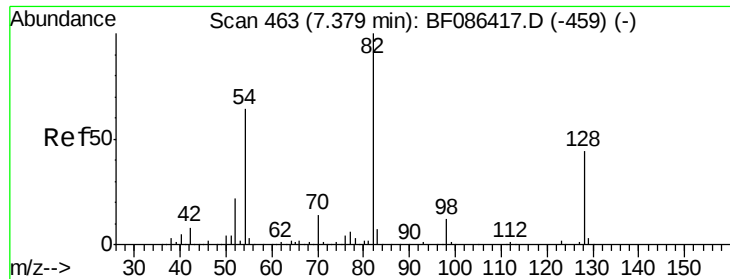
Tot Ion: 70 Resp: 156966
Ion Ratio Lower Upper
70 100
42 61.9 43.1 64.7
101 0.0 8.1 12.1#
130 2.3 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.02 min
Lab File: BF086471.D
Acq: 28 Apr 2016 19:01

Tgt Ion: 136 Resp: 619457
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.3 5.0 7.4#
68 5.4 4.4 6.6

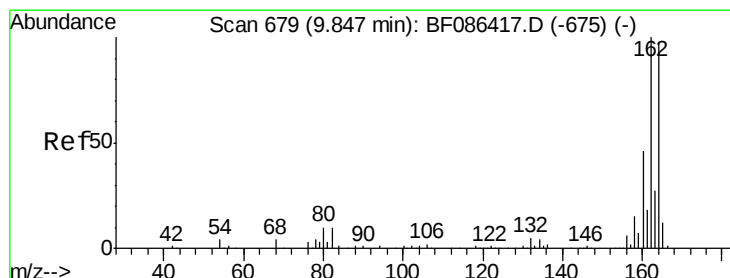
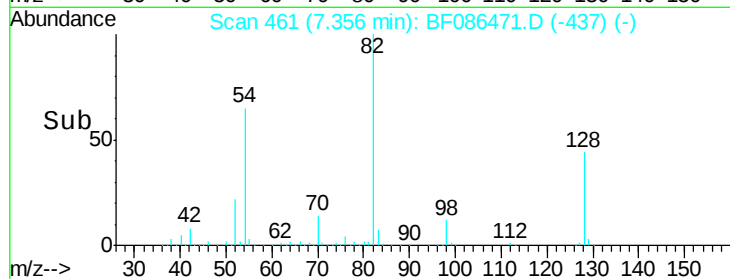
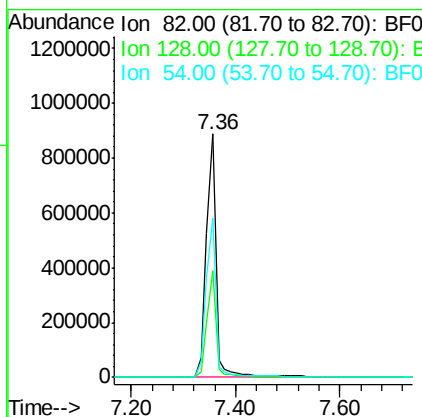
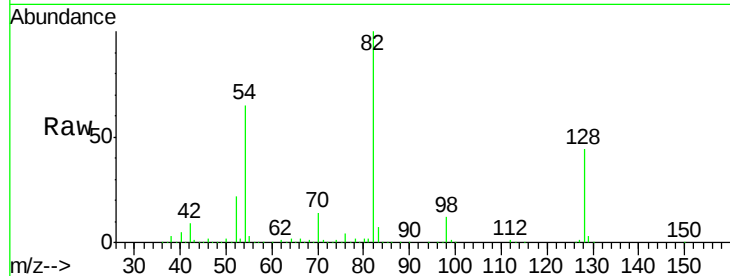




#23
 Nitrobenzene-d5
 Concen: 101.88 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.02 min
 Lab File: BF086471.D
 Acq: 28 Apr 2016 19:01

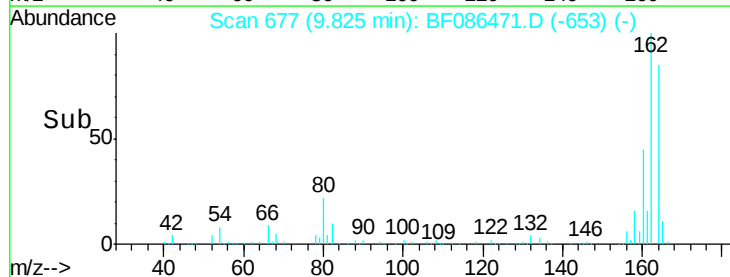
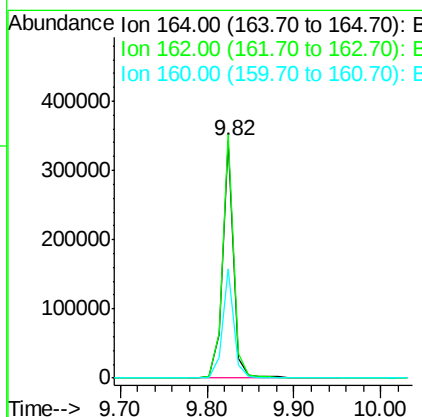
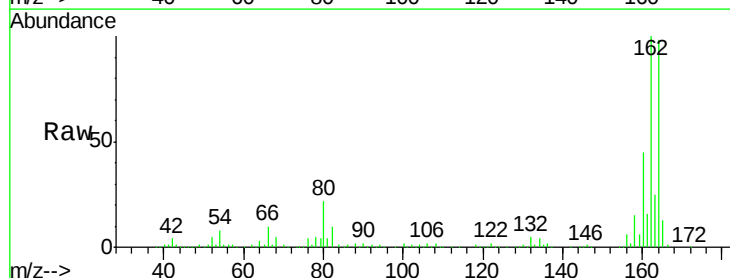
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1C

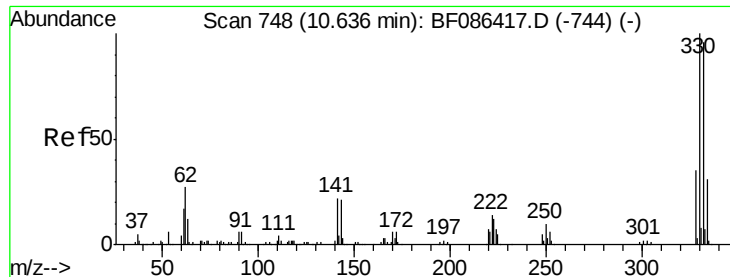
Tot Ion: 82 Resp: 1170904
 Ion Ratio Lower Upper
 82 100
 128 43.7 40.6 61.0
 54 65.1 38.1 57.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.02 min
 Lab File: BF086471.D
 Acq: 28 Apr 2016 19:01

Tgt Ion:164 Resp: 310554
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.8 124.2
 160 46.1 36.9 55.3

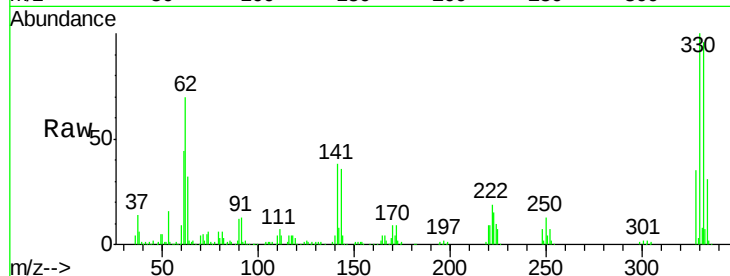




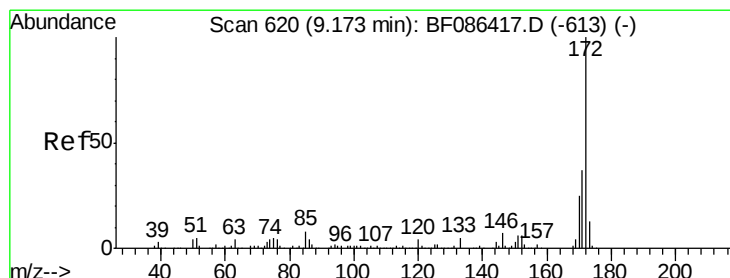
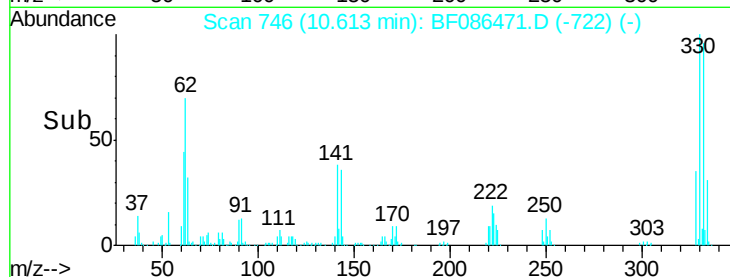
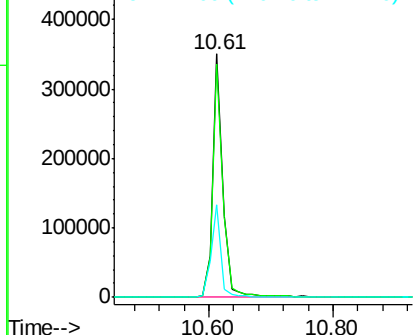
#41
 2,4,6-Tribromophenol
 Concen: 120.90 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF086471.D
 Acq: 28 Apr 2016 19:01

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B1C

Tot Ion:330 Resp: 395958
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.0 118.4
 141 36.9 31.2 46.8

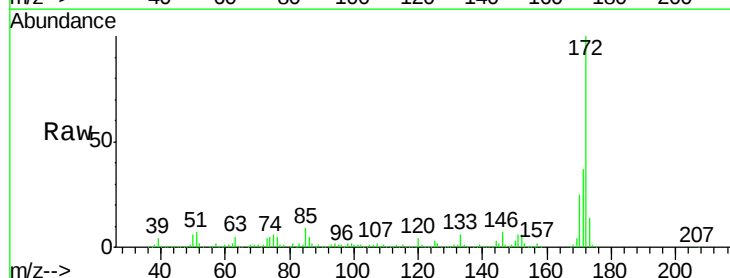


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

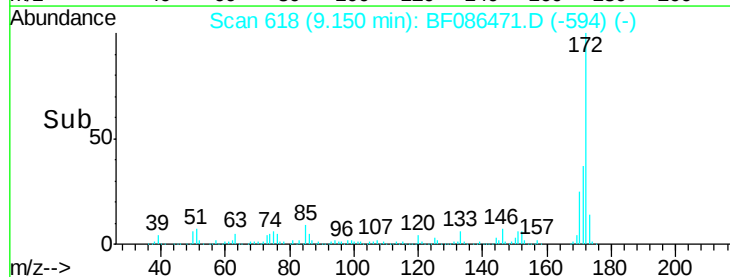
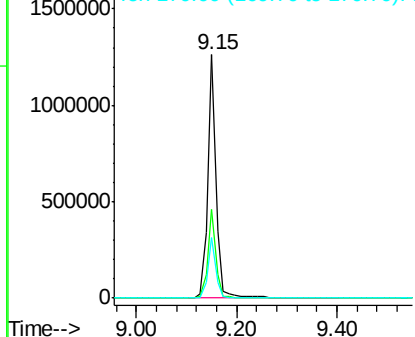


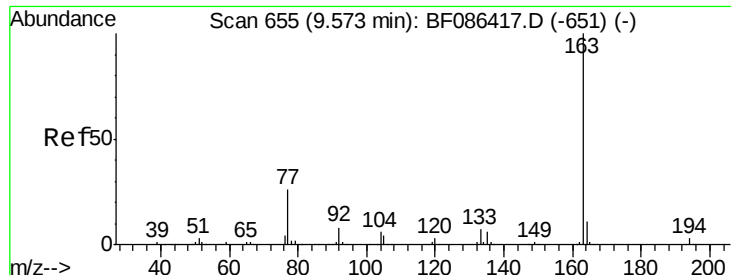
#44
 2-Fluorobiphenyl
 Concen: 81.20 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF086471.D
 Acq: 28 Apr 2016 19:01

Tgt Ion:172 Resp: 1455058
 Ion Ratio Lower Upper
 172 100
 171 36.6 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: 20.44 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF086471.D

Acq: 28 Apr 2016 19:01

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1C

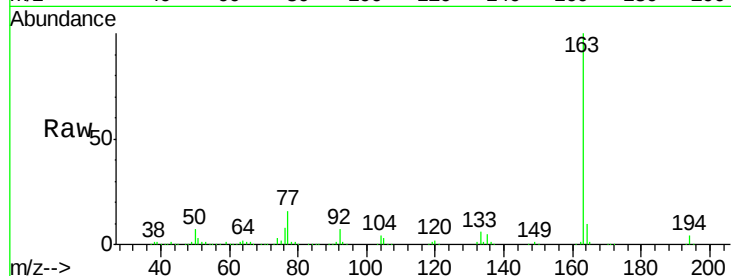
Tot Ion:163 Resp: 477927

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

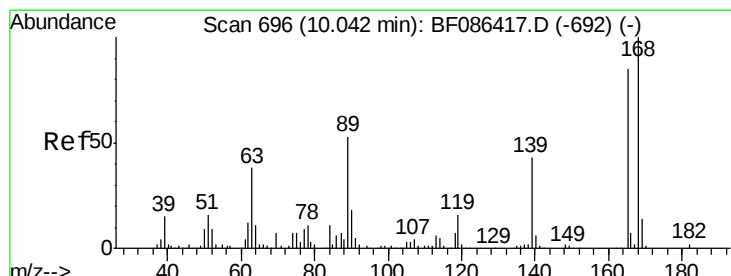
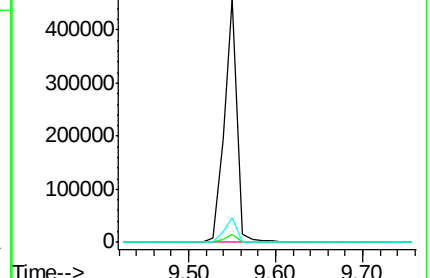
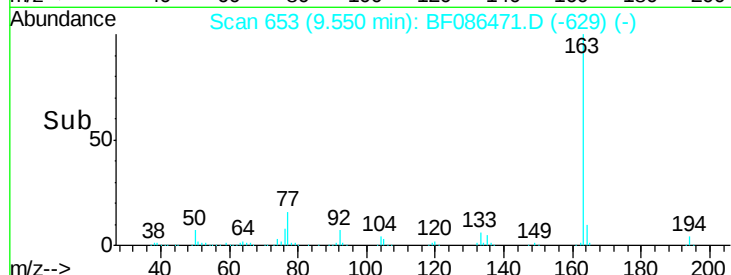
164 10.0 8.2 12.4



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: 9.82 min Scan# 677

Delta R.T. -0.22 min

Lab File: BF086471.D

Acq: 28 Apr 2016 19:01

Tgt Ion:165 Resp: 39911

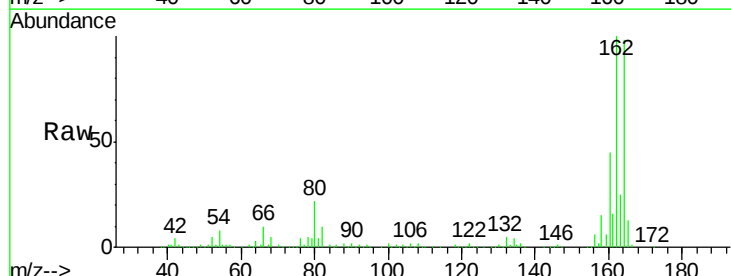
Ion Ratio Lower Upper

165 100

63 1.6 44.3 66.5#

89 1.7 70.0 105.0#

182 0.0 1.8 2.6#

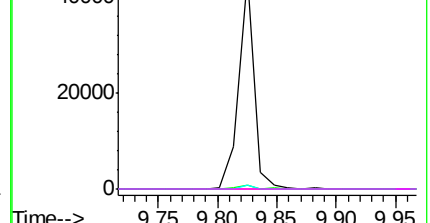
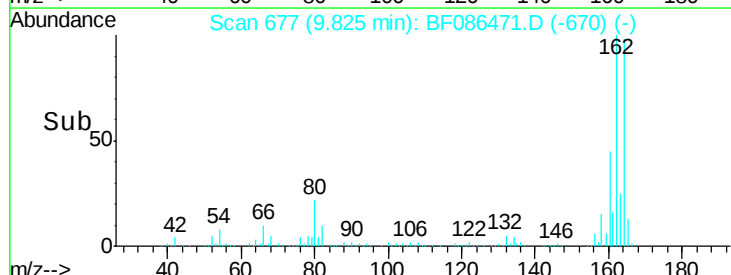


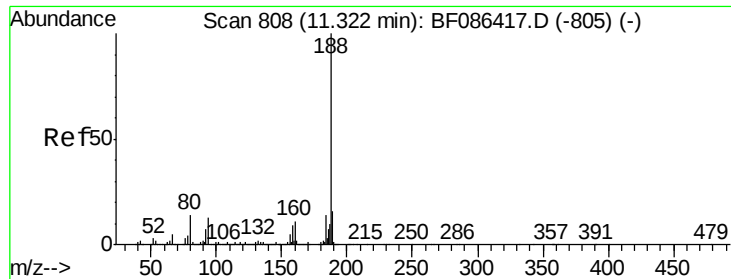
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.30 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF086471.D

Acq: 28 Apr 2016 19:01

Instrument :

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ClientSampleId :

TEC-COMP-B1C

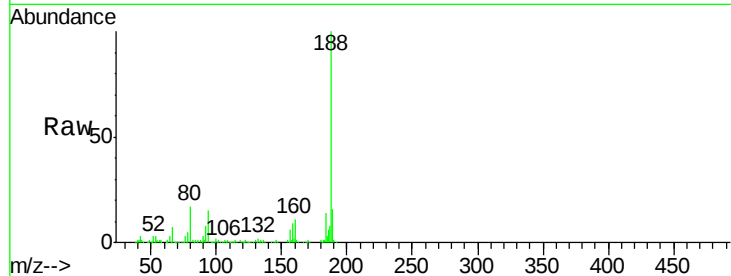
Tot Ion:188 Resp: 550774

Ion Ratio Lower Upper

188 100

94 15.4 6.8 10.2#

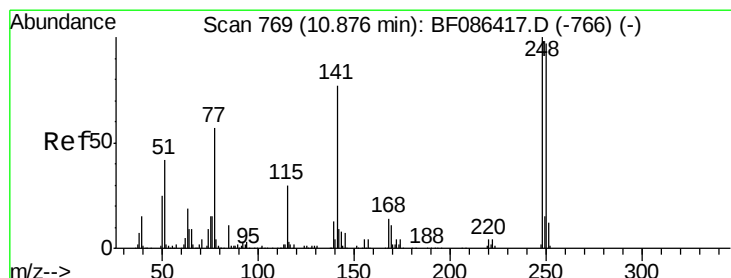
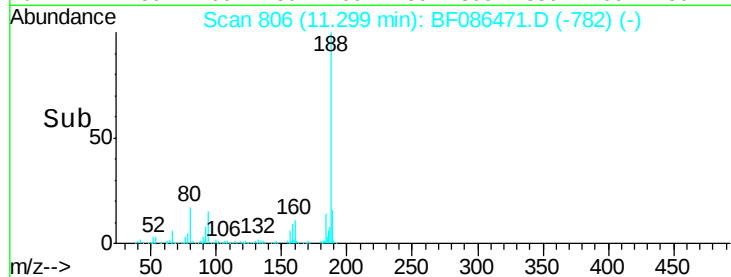
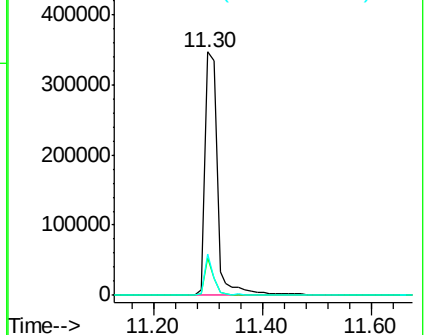
80 17.1 7.1 10.7#



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: 4.14 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.26 min

Lab File: BF086471.D

Acq: 28 Apr 2016 19:01

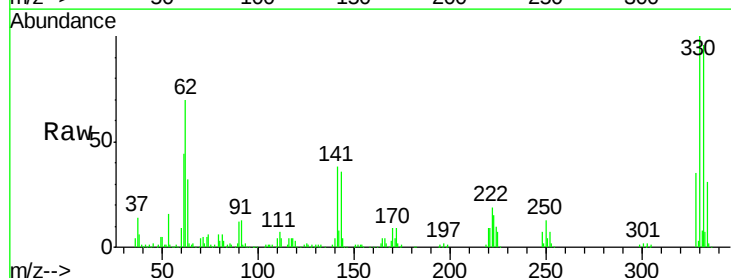
Tgt Ion:248 Resp: 23492

Ion Ratio Lower Upper

248 100

250 193.9 78.6 117.8#

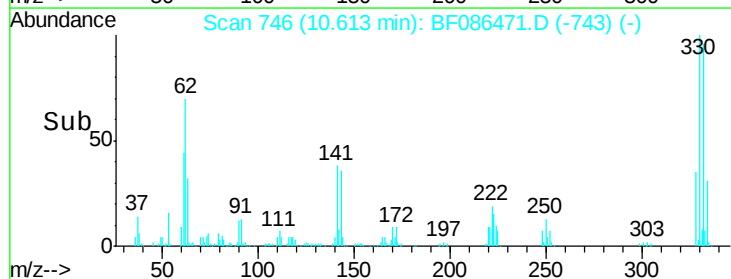
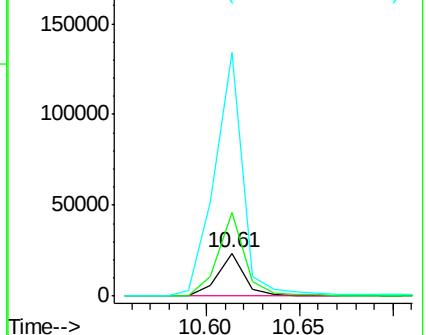
141 567.9 76.0 114.0#

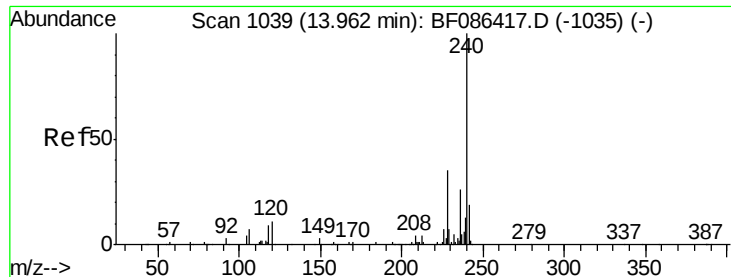


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.94 min Scan# 1037

Delta R.T. -0.02 min

Lab File: BF086471.D

Acq: 28 Apr 2016 19:01

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B1C

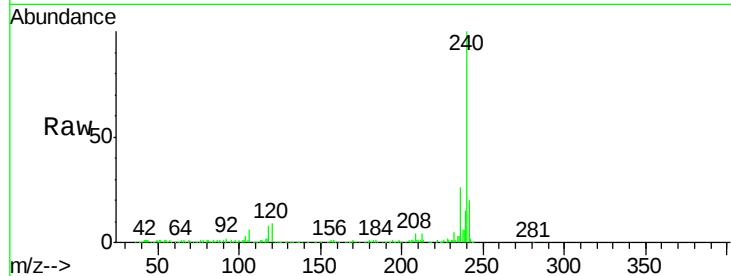
Tot Ion:240 Resp: 401977

Ion Ratio Lower Upper

240 100

120 9.3 11.2 16.8#

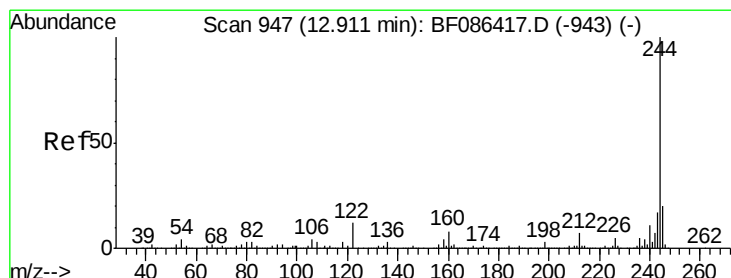
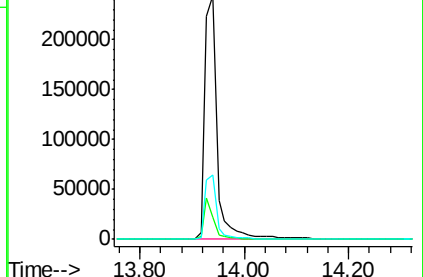
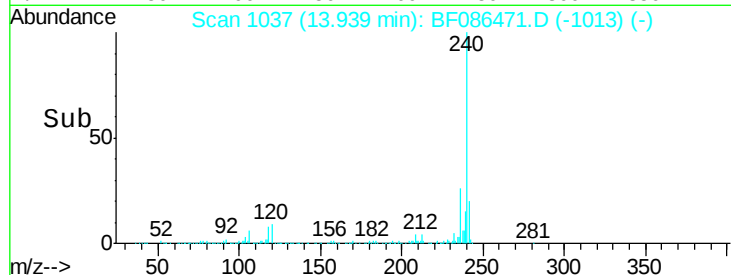
236 26.4 21.2 31.8



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: 72.04 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF086471.D

Acq: 28 Apr 2016 19:01

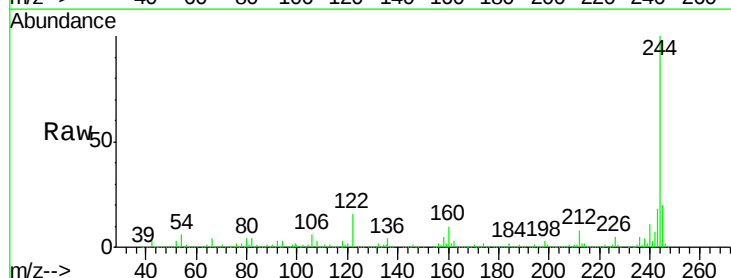
Tgt Ion:244 Resp: 1314517

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

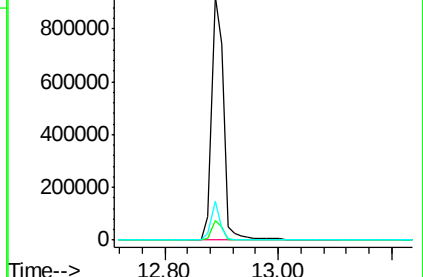
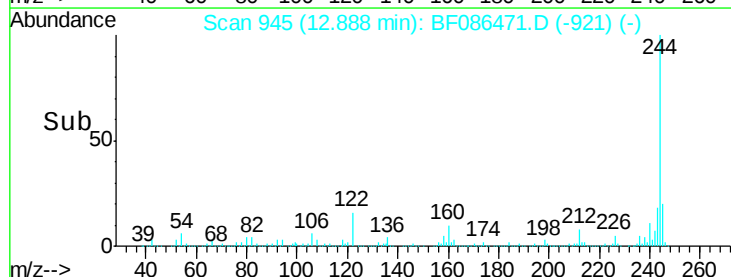
122 16.0 12.0 18.0

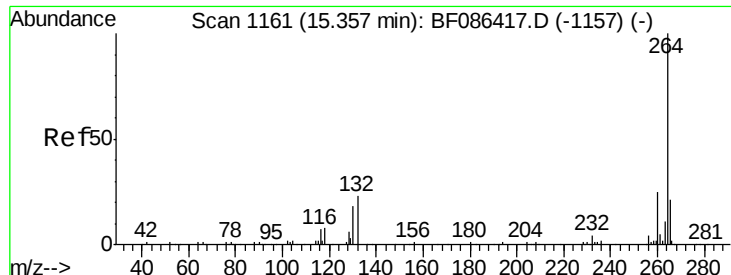


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF086471.D
Acq: 28 Apr 2016 19:01

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B1C

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.5	29.3
265	21.9	17.3	25.9

