

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086338.D
 Acq On : 21 Apr 2016 5:18
 Operator : UM/SJ
 Sample : H2569-01
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LCF-SW1

Quant Time: Apr 21 05:52:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

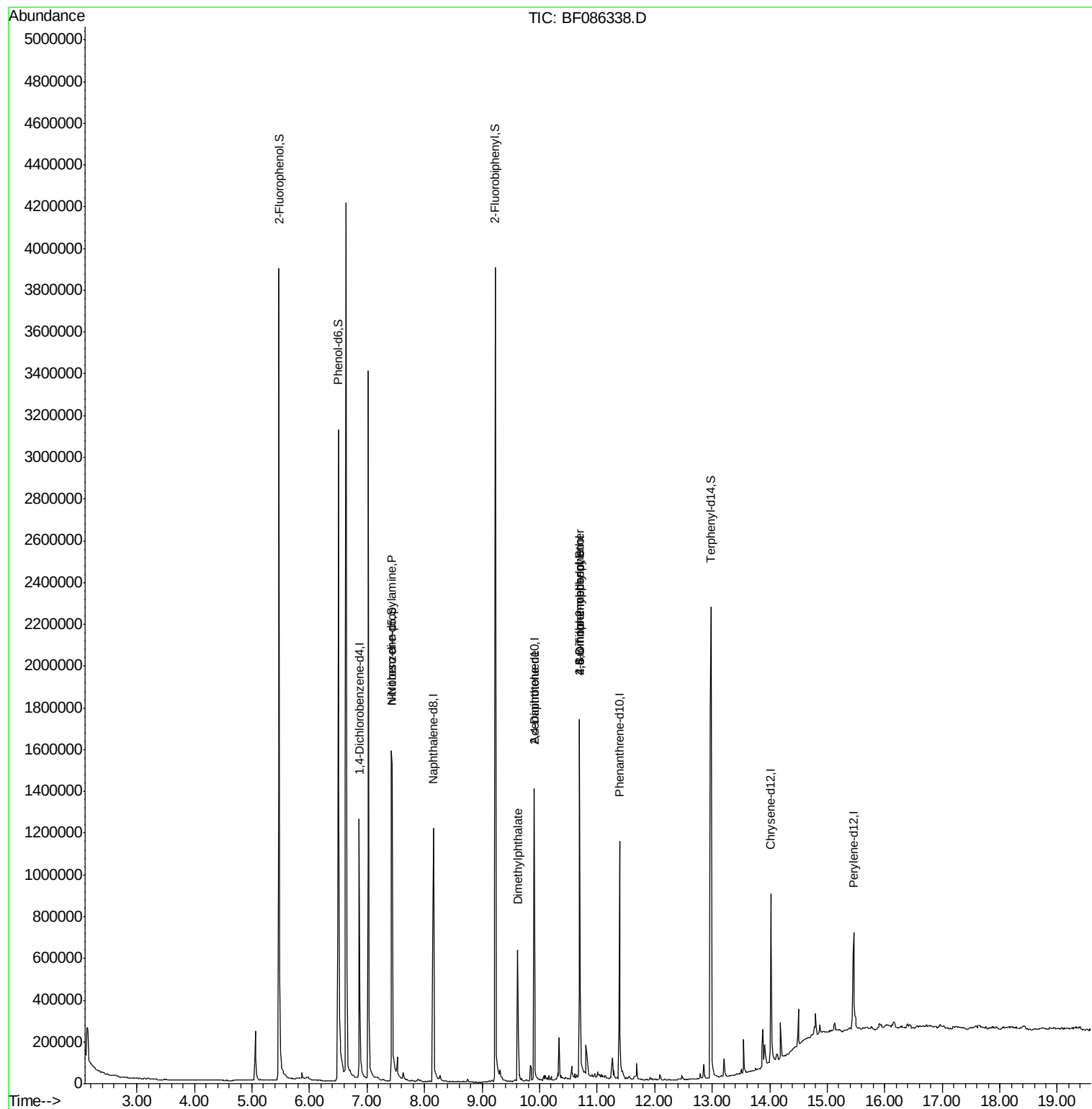
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	219915	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	808003	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	290294	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	496679	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	385346	20.00	ng	-0.03
86) Perylene-d12	15.46	264	270436	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1261227	100.06	ng	-0.01
7) Phenol-d6	6.50	99	1596163	96.77	ng	-0.02
23) Nitrobenzene-d5	7.42	82	969647	68.73	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	241219	106.61	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	1326736	88.06	ng	-0.03
78) Terphenyl-d14	12.98	244	998260	61.66	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	121036	12.11	ng	# 81
49) Dimethylphthalate	9.62	163	284871	12.89	ng	99
56) 2,4-Dinitrotoluene	9.90	165	36816	6.51	ng	# 31
64) 4,6-Dinitro-2-methylphenol	10.69	198	469	6.32	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	14856	2.78	ng	# 1

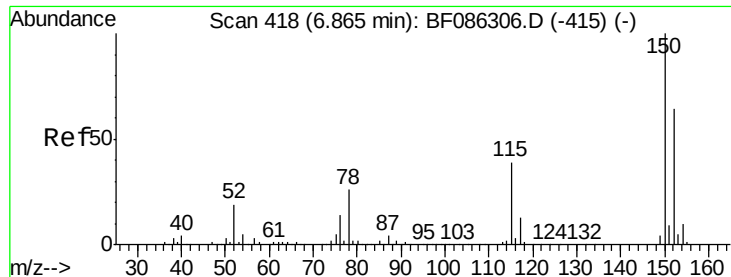
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.03 min

Lab File: BF086338.D

Acq: 21 Apr 2016 5:18

Instrument :

BNA_F

ClientSampleId :

LCF-SW1

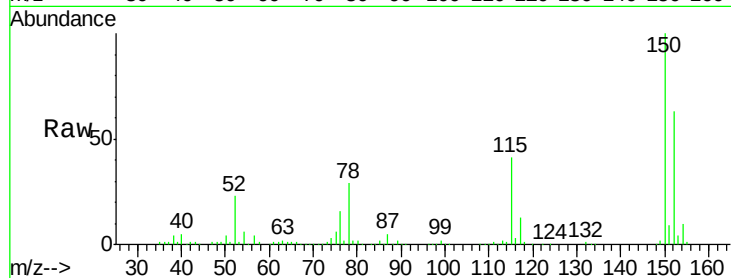
Tgt Ion:152 Resp: 219915

Ion Ratio Lower Upper

152 100

150 158.1 124.1 186.1

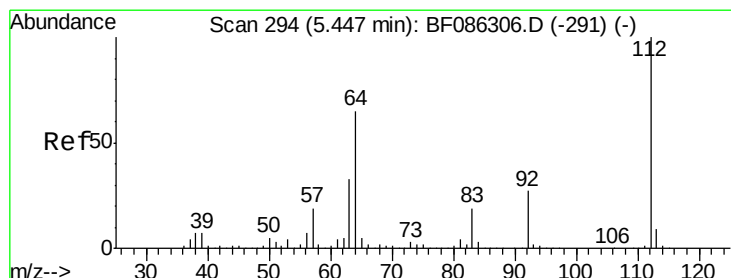
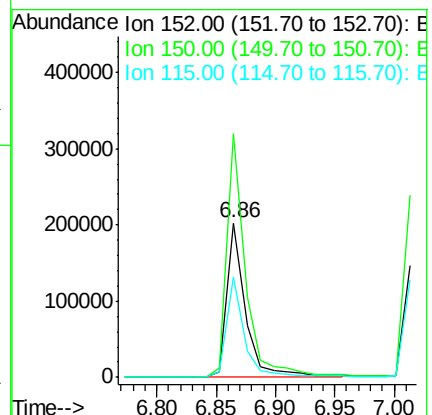
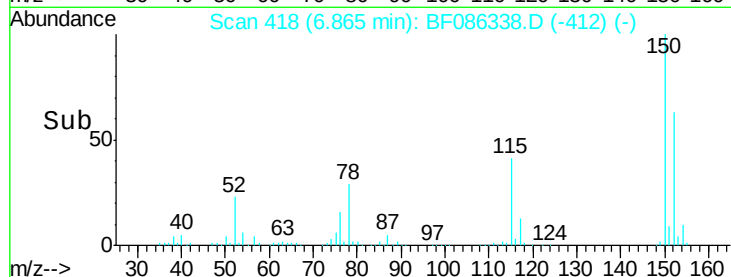
115 65.0 43.9 65.9



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: 100.06 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF086338.D

Acq: 21 Apr 2016 5:18

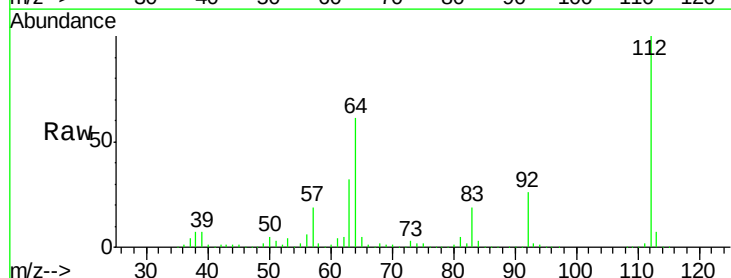
Tgt Ion:112 Resp: 1261227

Ion Ratio Lower Upper

112 100

64 61.3 48.1 72.1

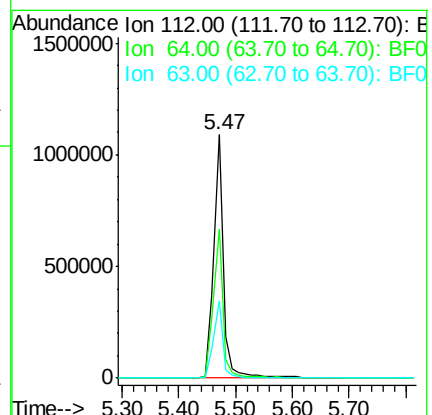
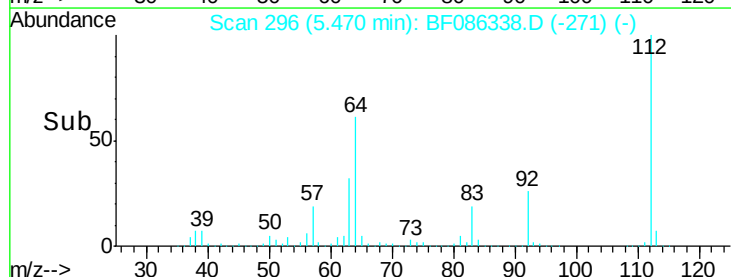
63 31.9 25.5 38.3

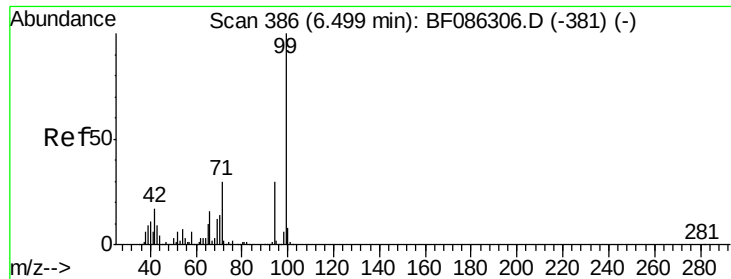


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.77 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086338.D

Acq: 21 Apr 2016 5:18

Instrument :

BNA_F

ClientSampled :

LCF-SW1

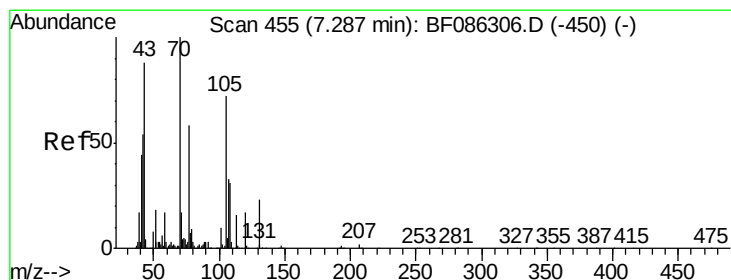
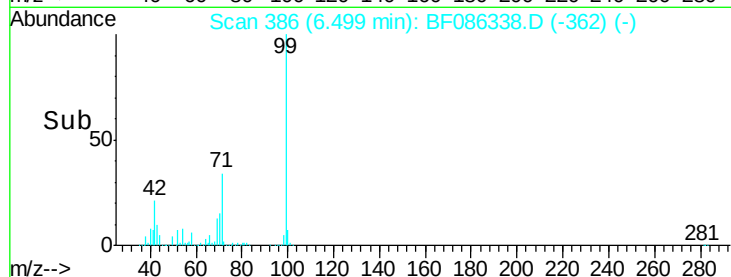
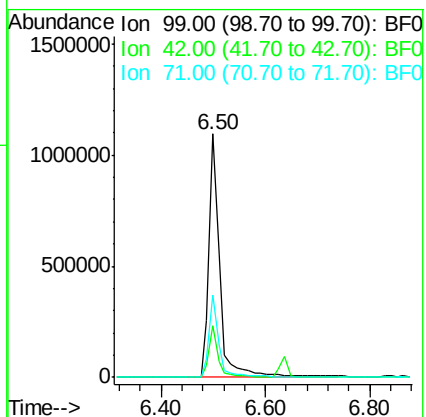
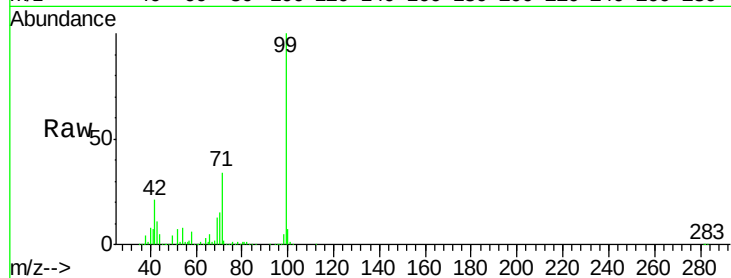
Tgt Ion: 99 Resp: 1596163

Ion Ratio Lower Upper

99 100

42 21.0 15.4 23.2

71 33.7 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 12.11 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.11 min

Lab File: BF086338.D

Acq: 21 Apr 2016 5:18

Tgt Ion: 70 Resp: 121036

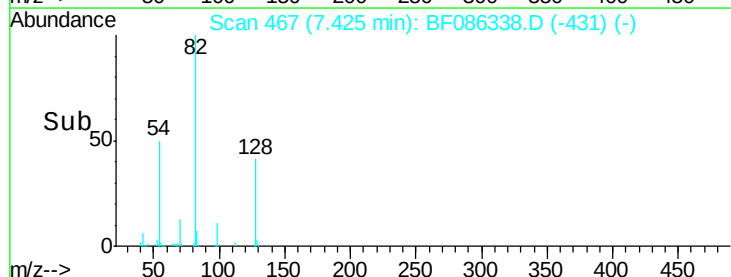
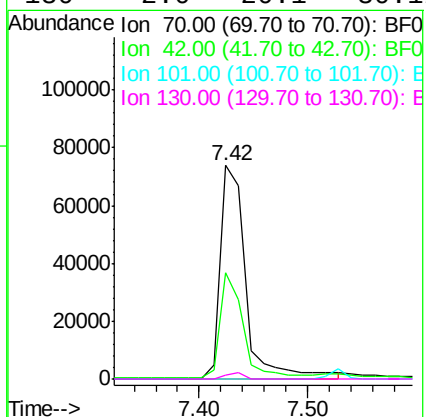
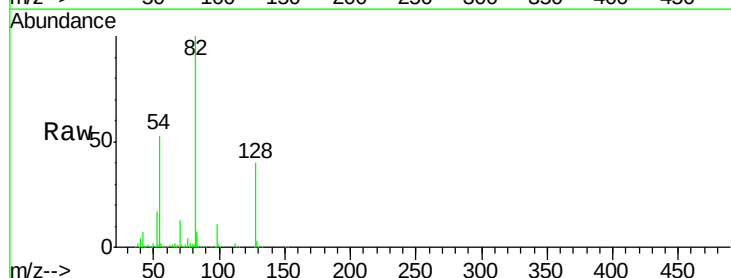
Ion Ratio Lower Upper

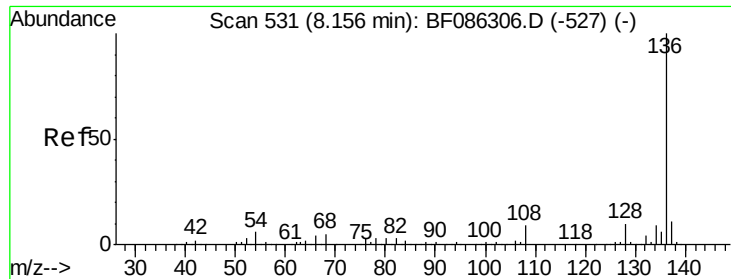
70 100

42 49.9 43.0 64.4

101 0.0 8.1 12.1#

130 2.0 20.1 30.1#

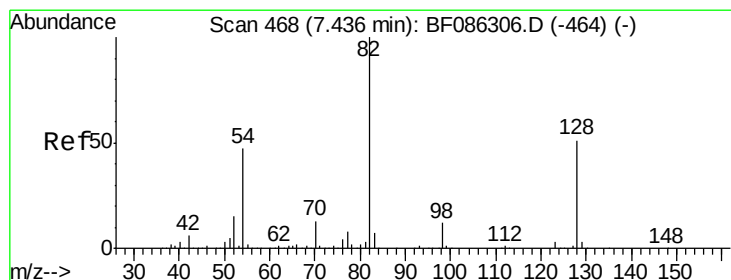
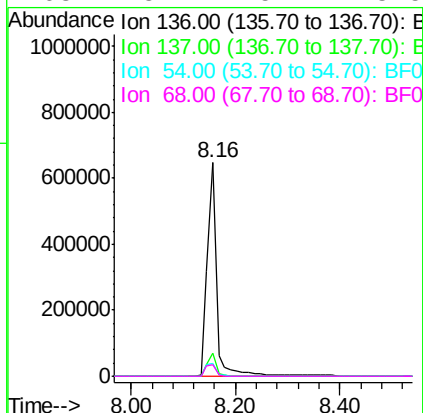
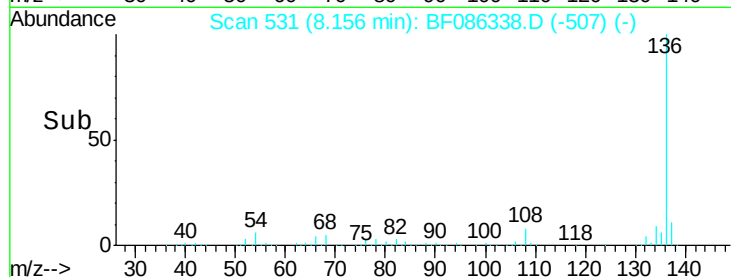
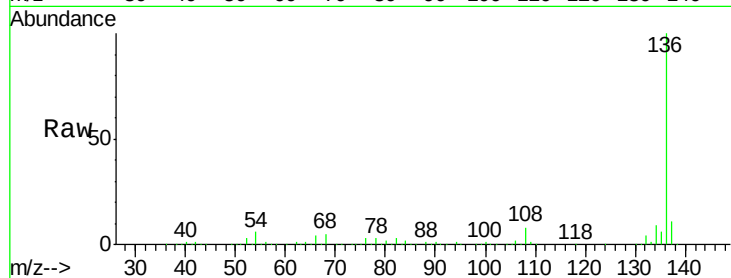




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF086338.D
Acq: 21 Apr 2016 5:18

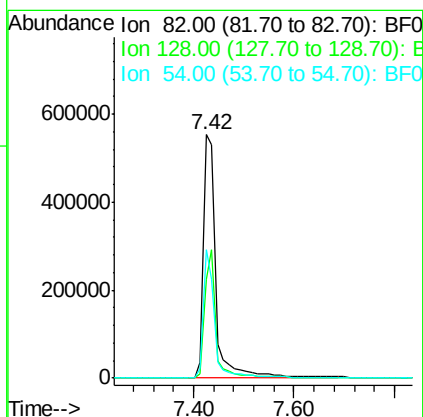
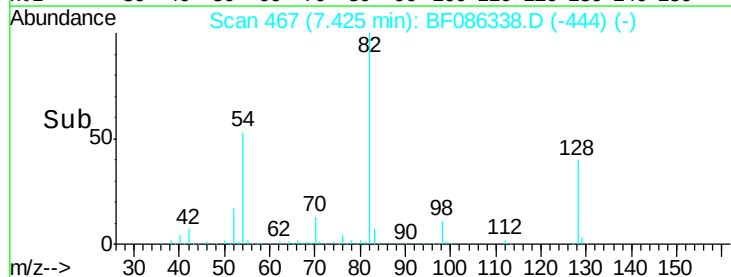
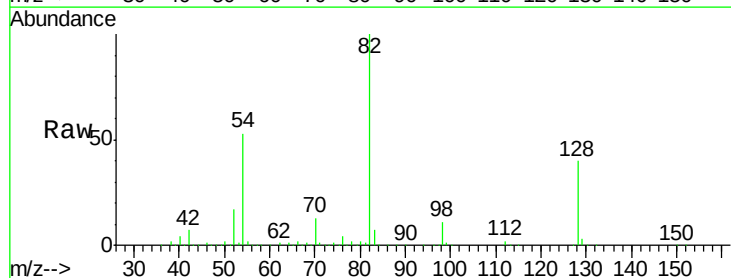
Instrument :
BNA_F
ClientSampled :
LCF-SW1

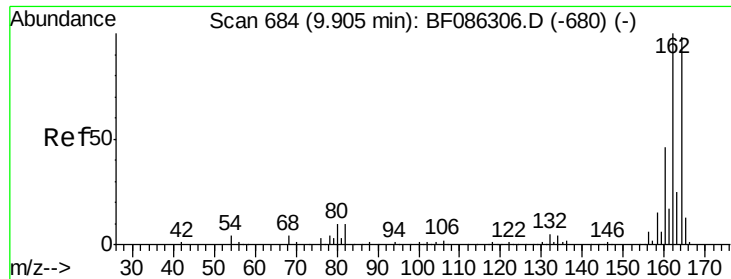
Tgt Ion:	136	Resp:	808003
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	6.0	7.3	10.9#
68	5.4	5.7	8.5#



#23
Nitrobenzene-d5
Concen: 68.73 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF086338.D
Acq: 21 Apr 2016 5:18

Tgt Ion:	82	Resp:	969647
Ion Ratio	Lower	Upper	
82	100		
128	40.5	35.4	53.2
54	52.8	43.4	65.0

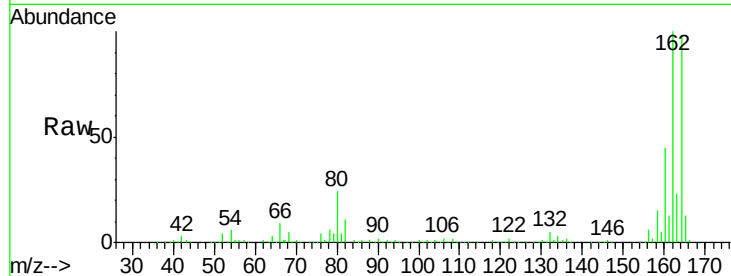




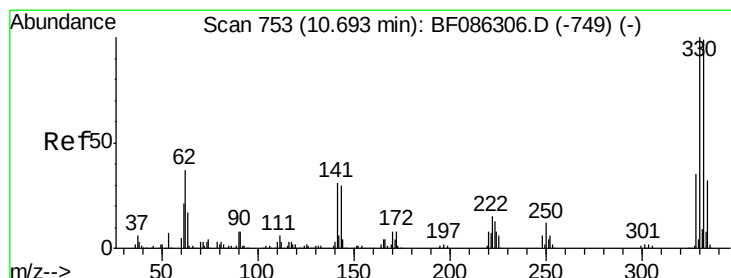
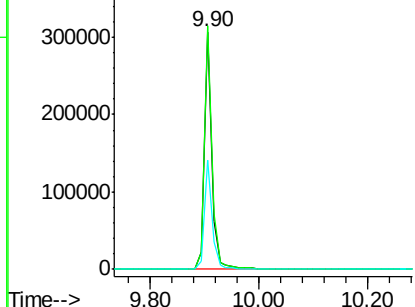
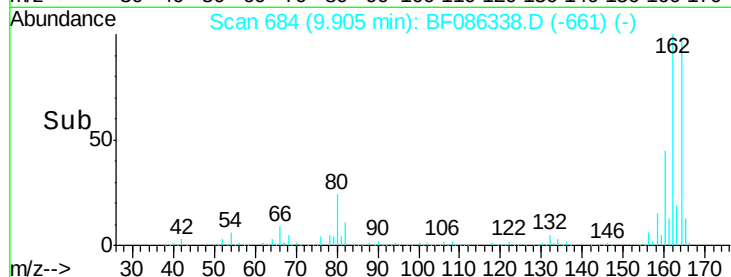
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.03 min
 Lab File: BF086338.D
 Acq: 21 Apr 2016 5:18

Instrument :
 BNA_F
 ClientSampleId :
 LCF-SW1

Tgt Ion:164 Resp: 290294
 Ion Ratio Lower Upper
 164 100
 162 102.4 82.8 124.2
 160 46.1 38.9 58.3

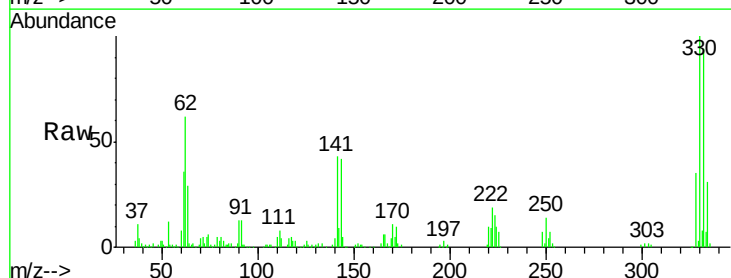


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

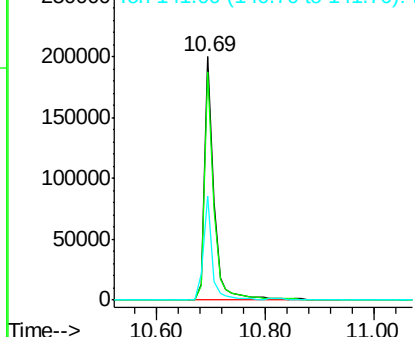
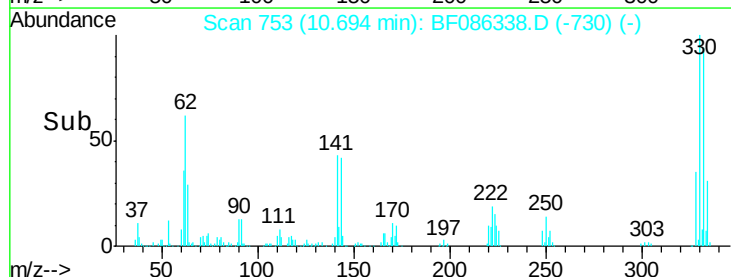


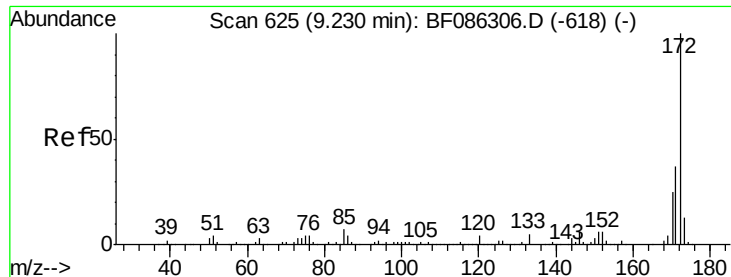
#41
 2,4,6-Tribromophenol
 Concen: 106.61 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086338.D
 Acq: 21 Apr 2016 5:18

Tgt Ion:330 Resp: 241219
 Ion Ratio Lower Upper
 330 100
 332 93.4 78.7 118.1
 141 39.1 28.6 42.8



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

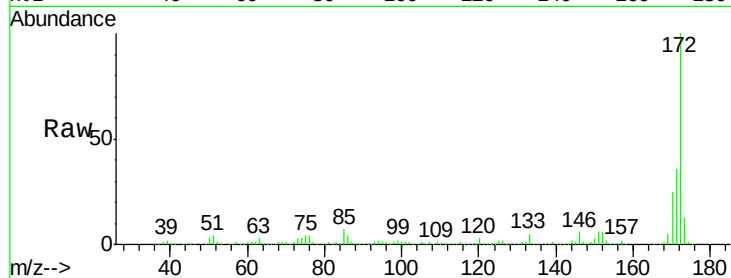




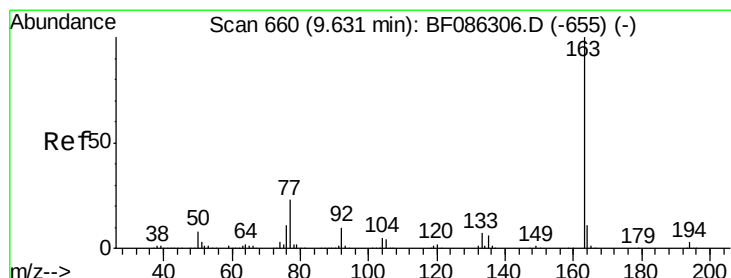
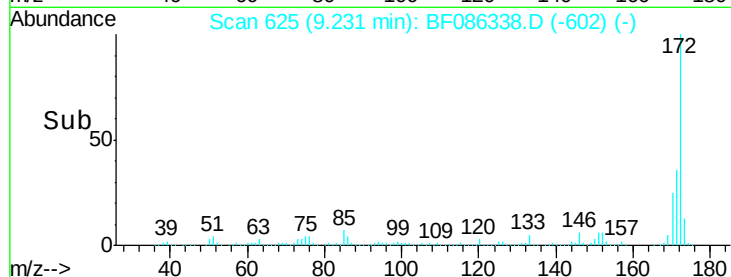
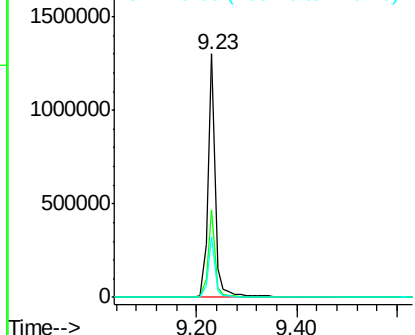
#44
 2-Fluorobiphenyl
 Concen: 88.06 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.03 min
 Lab File: BF086338.D
 Acq: 21 Apr 2016 5:18

Instrument :
 BNA_F
 ClientSampleId :
 LCF-SW1

Tgt Ion:172 Resp: 1326736
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.1 43.7
 170 24.8 19.9 29.9

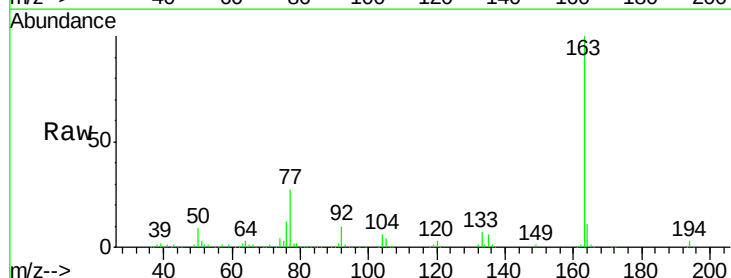


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

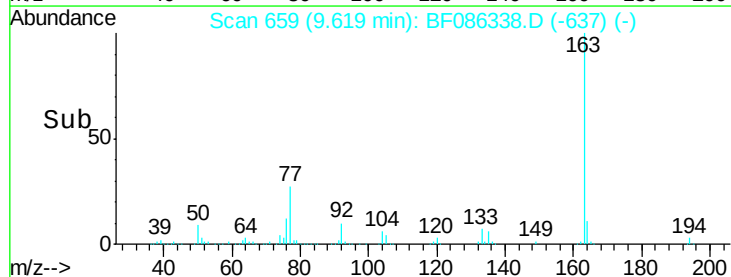
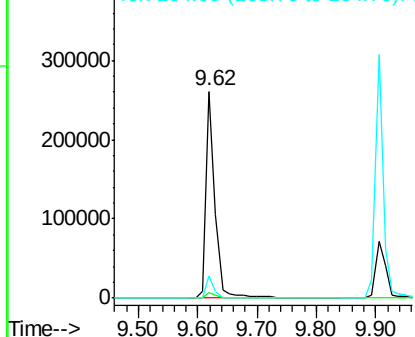


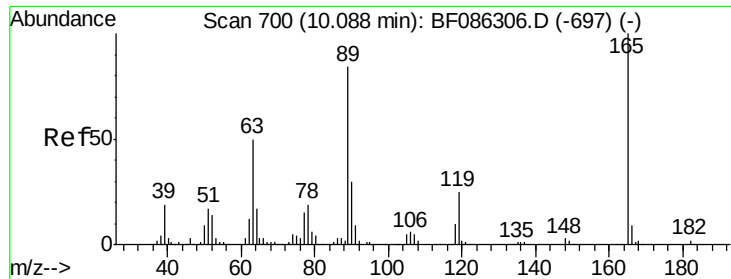
#49
 Dimethylphthalate
 Concen: 12.89 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.05 min
 Lab File: BF086338.D
 Acq: 21 Apr 2016 5:18

Tgt Ion:163 Resp: 284871
 Ion Ratio Lower Upper
 163 100
 194 2.9 2.8 4.2
 164 10.5 8.4 12.6



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

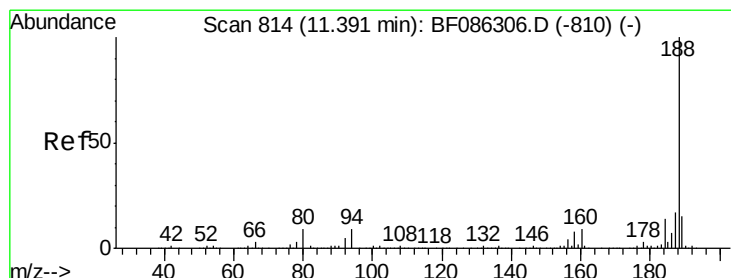
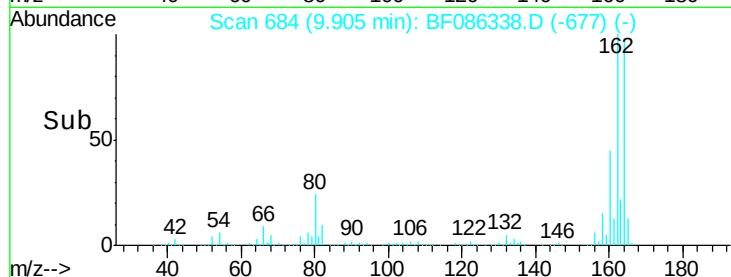
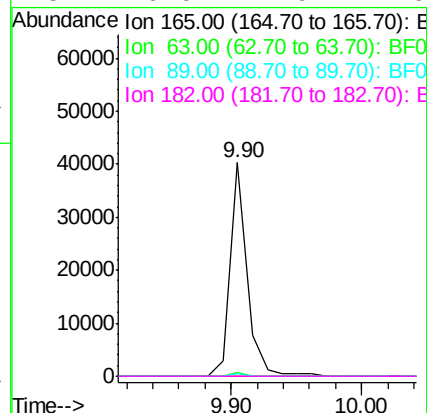
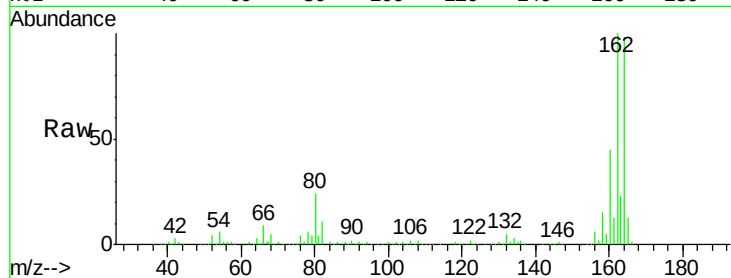




#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.22 min
 Lab File: BF086338.D
 Acq: 21 Apr 2016 5:18

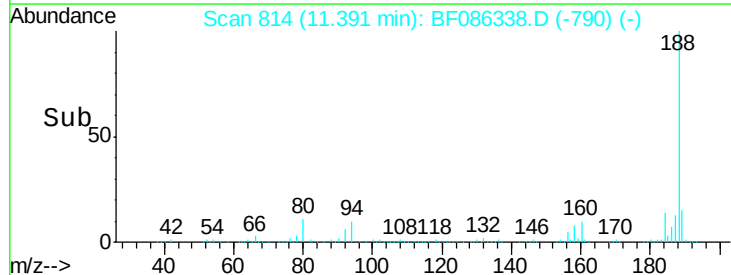
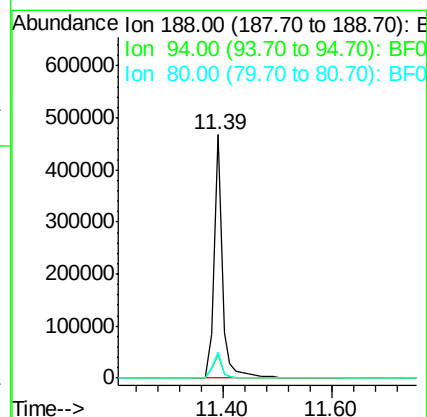
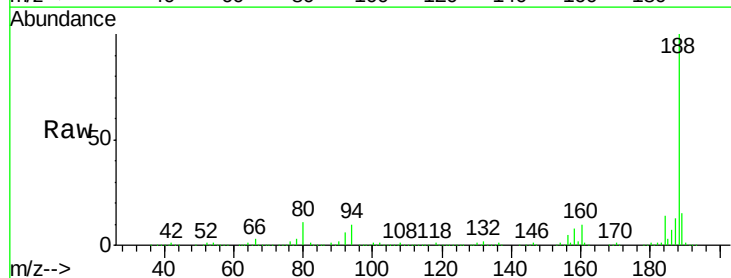
Instrument :
 BNA_F
 ClientSampleId :
 LCF-SW1

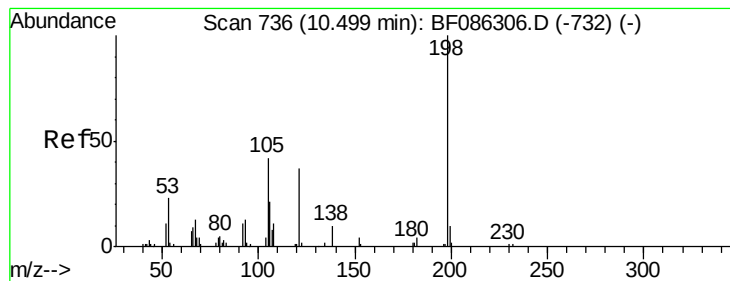
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	26.6	40.0#
89	1.2	49.5	74.3#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF086338.D
 Acq: 21 Apr 2016 5:18

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.8	14.8#
80	10.6	10.5	15.7





#64

4,6-Dinitro-2-methylphenol

Concen: 6.32 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.17 min

Lab File: BF086338.D

Acq: 21 Apr 2016 5:18

Instrument :

BNA_F

ClientSampleId :

LCF-SW1

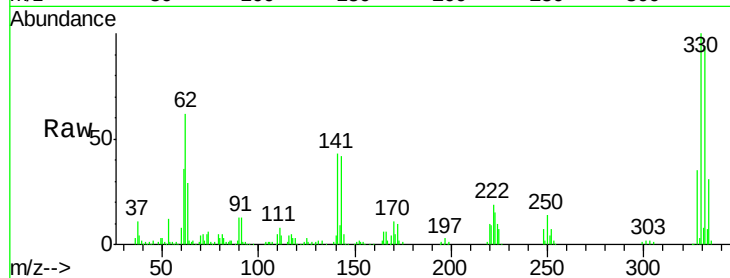
Tgt Ion:198 Resp: 469

Ion Ratio Lower Upper

198 100

51 169.4 56.5 96.5#

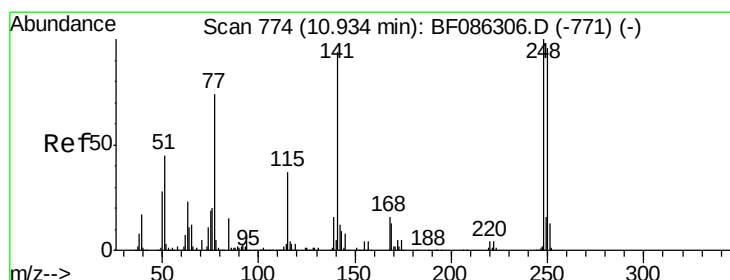
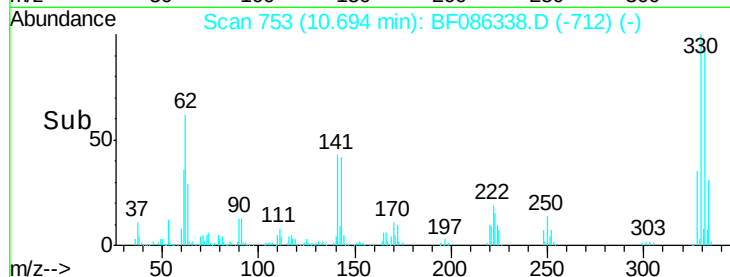
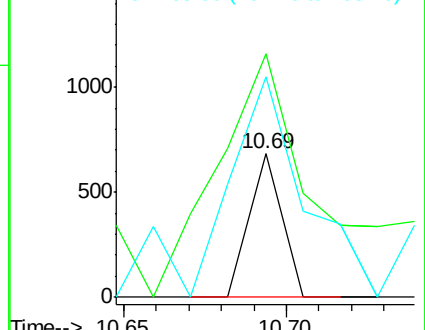
105 153.2 48.0 88.0#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.78 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.27 min

Lab File: BF086338.D

Acq: 21 Apr 2016 5:18

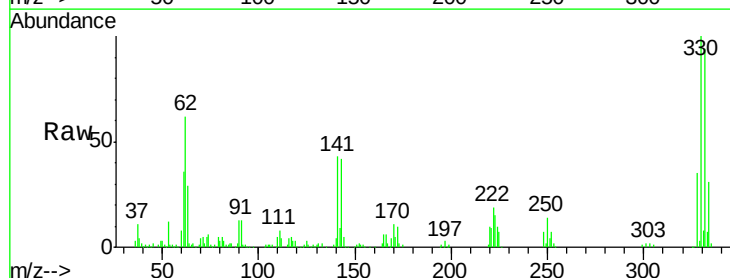
Tgt Ion:248 Resp: 14856

Ion Ratio Lower Upper

248 100

250 201.7 78.6 118.0#

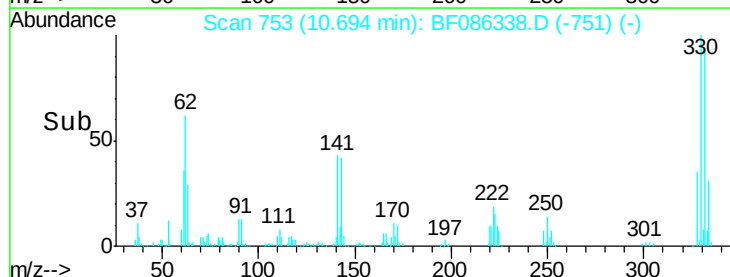
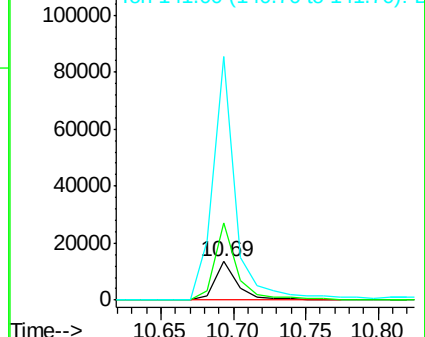
141 631.7 57.9 86.9#

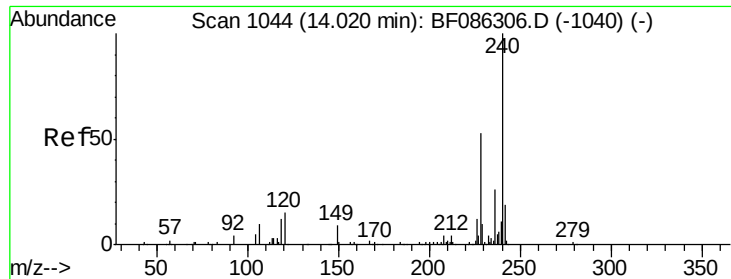


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086338.D

Acq: 21 Apr 2016 5:18

Instrument :

BNA_F

ClientSampleId :

LCF-SW1

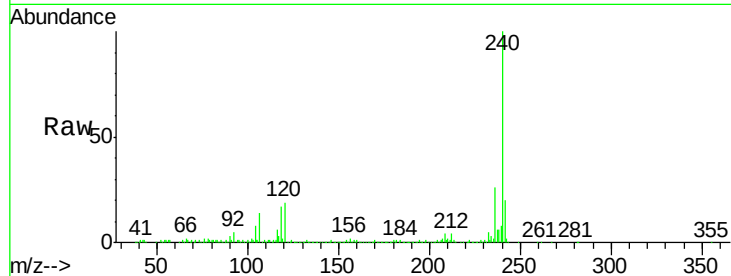
Tgt Ion:240 Resp: 385346

Ion Ratio Lower Upper

240 100

120 19.2 9.3 13.9#

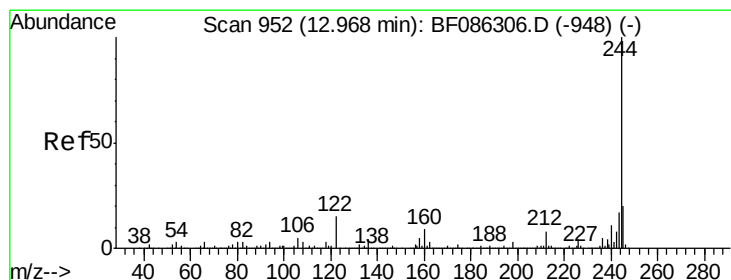
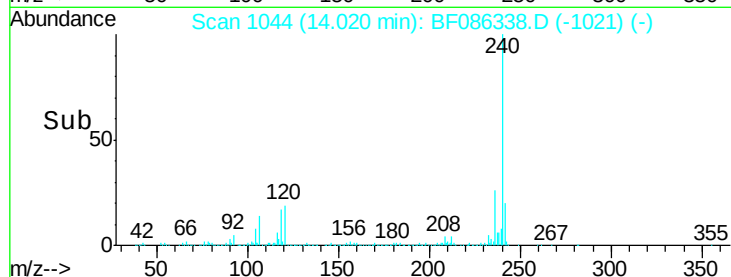
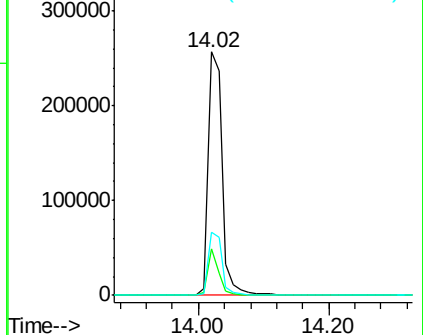
236 26.0 21.1 31.7



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: 61.66 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF086338.D

Acq: 21 Apr 2016 5:18

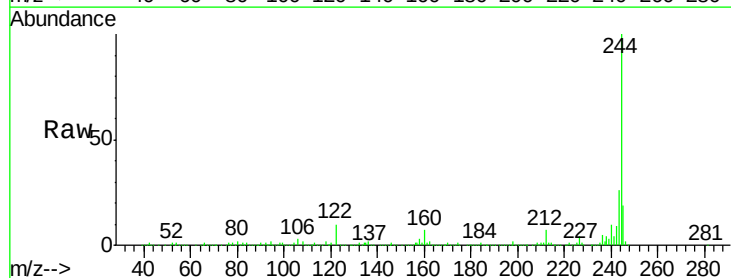
Tgt Ion:244 Resp: 998260

Ion Ratio Lower Upper

244 100

212 6.7 6.4 9.6

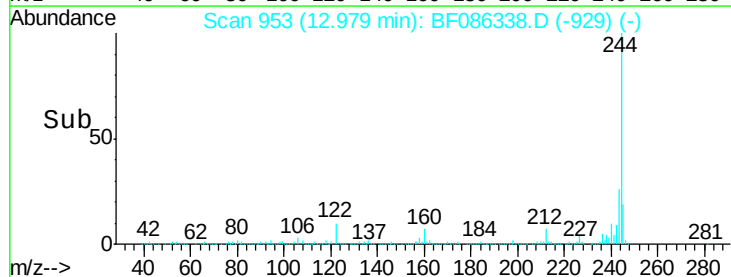
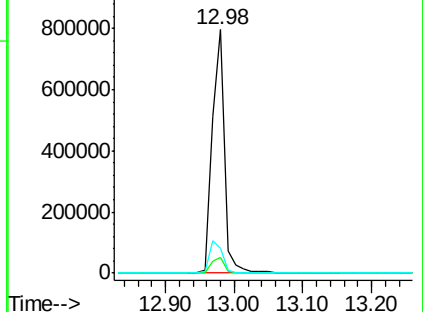
122 9.9 11.7 17.5#

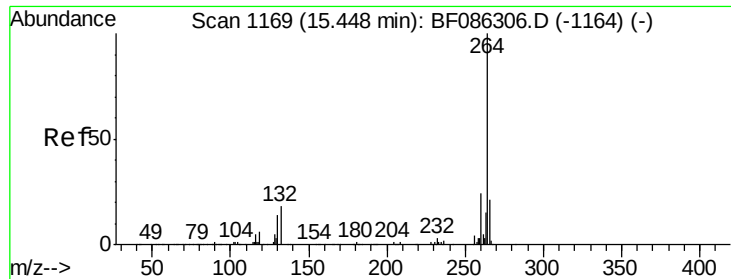


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF086338.D
Acq: 21 Apr 2016 5:18

Instrument :
BNA_F
ClientSampleId :
LCF-SW1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.0	30.0
265	20.9	17.4	26.0

