

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042016\
 Data File : BF086334.D
 Acq On : 21 Apr 2016 3:24
 Operator : UM/SJ
 Sample : H2569-10
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LCF-B2

Quant Time: Apr 21 05:15:32 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

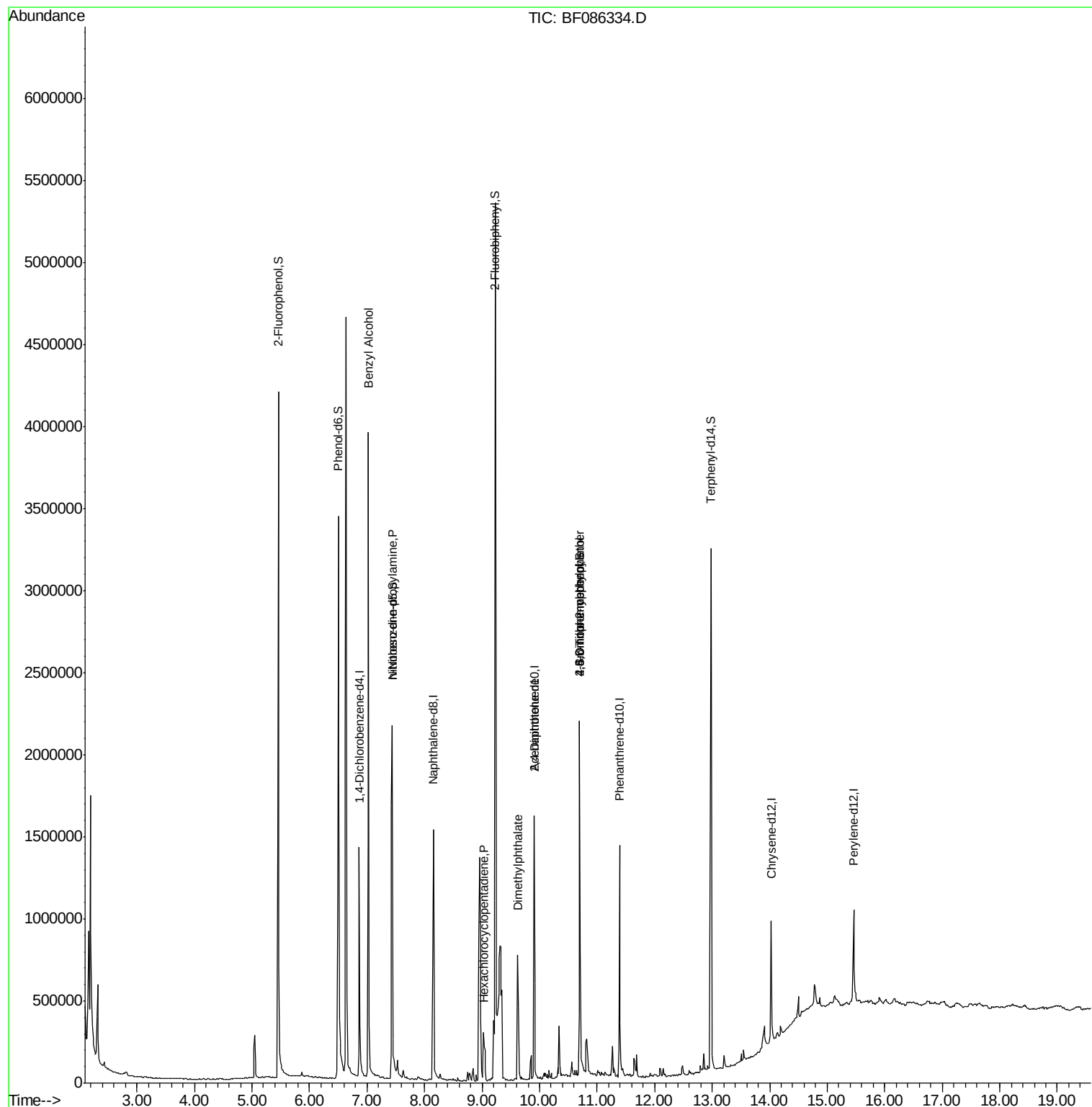
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	241776	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	908949	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	344817	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	573259	20.00	ng	-0.02
75) Chrysene-d12	14.03	240	406430	20.00	ng	-0.02
86) Perylene-d12	15.46	264	281985	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1391240	100.40	ng	-0.02
7) Phenol-d6	6.50	99	1893480	104.42	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1163670	73.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	298797	111.18	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	1642240	92.93	ng	-0.03
78) Terphenyl-d14	12.98	244	1134101	66.42	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.02	79	22644	2.01	ng	# 42
19) n-Nitroso-di-n-propylamine	7.44	70	149351	13.60	ng	# 75
40) Hexachlorocyclopentadiene	9.04	237	1568	2.59	ng	# 26
49) Dimethylphthalate	9.62	163	405357	15.44	ng	# 99
56) 2,4-Dinitrotoluene	9.90	165	45978	6.85	ng	# 31
64) 4,6-Dinitro-2-methylphenol	10.69	198	549	6.32	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	18553	3.01	ng	# 1

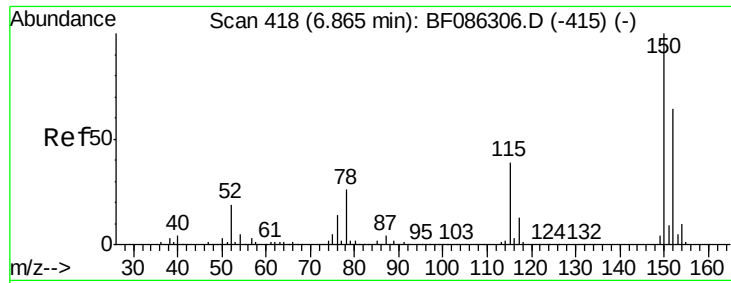
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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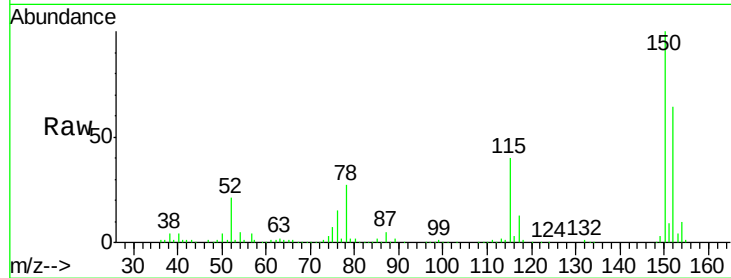




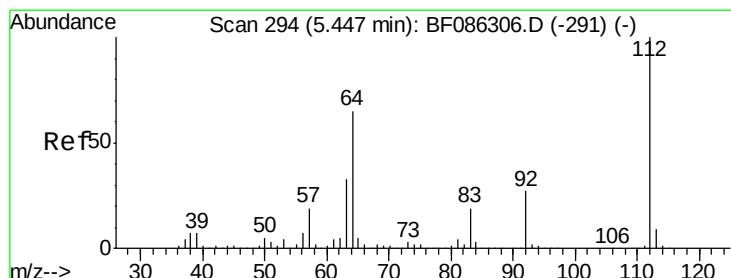
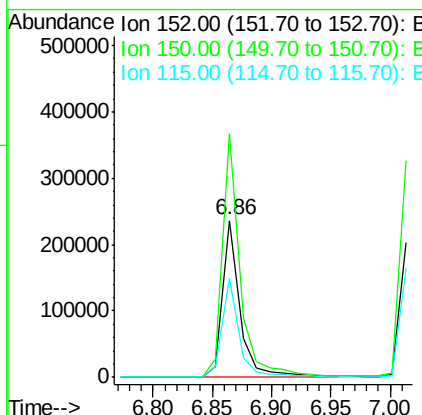
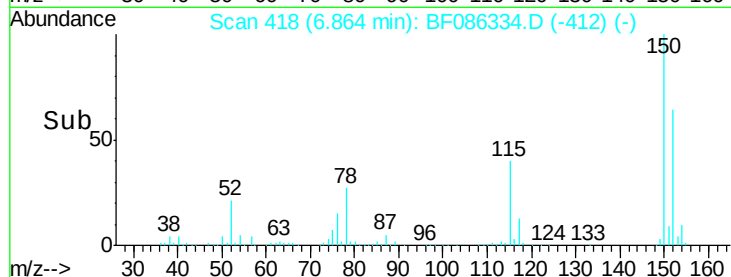
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF086334.D
 Acq: 21 Apr 2016 3:24

Instrument :
 BNA_F
 ClientSampleId :
 LCF-B2

Tgt Ion:152 Resp: 241776
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.1 186.1
 115 62.7 43.9 65.9

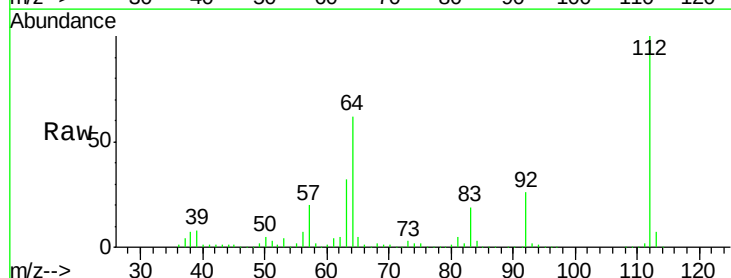


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

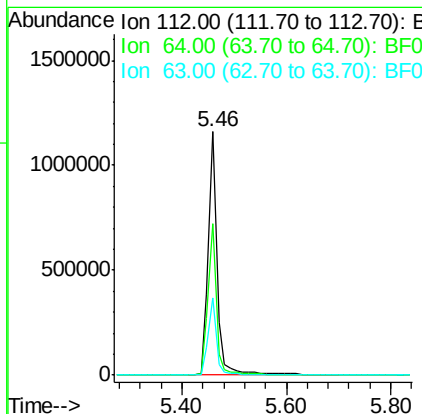
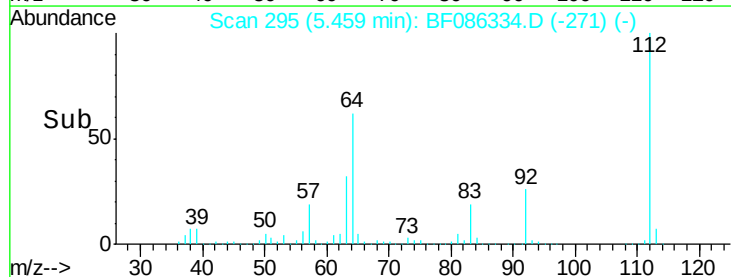


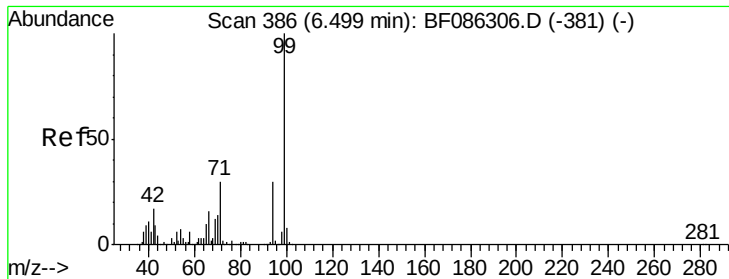
#5
 2-Fluorophenol
 Concen: 100.40 ng
 RT: 5.46 min Scan# 295
 Delta R.T. -0.02 min
 Lab File: BF086334.D
 Acq: 21 Apr 2016 3:24

Tgt Ion:112 Resp: 1391240
 Ion Ratio Lower Upper
 112 100
 64 62.0 48.1 72.1
 63 31.8 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: 104.42 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086334.D

Acq: 21 Apr 2016 3:24

Instrument :

BNA_F

ClientSampleId :

LCF-B2

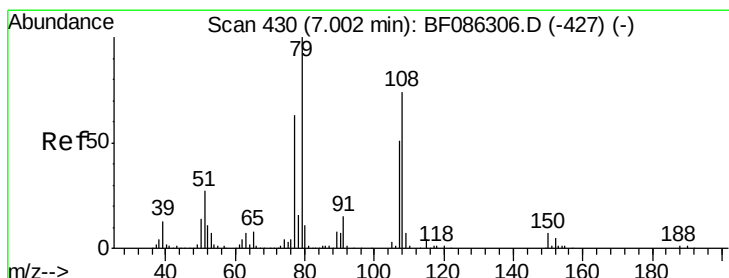
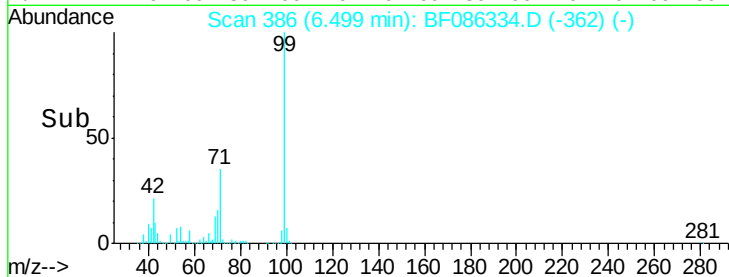
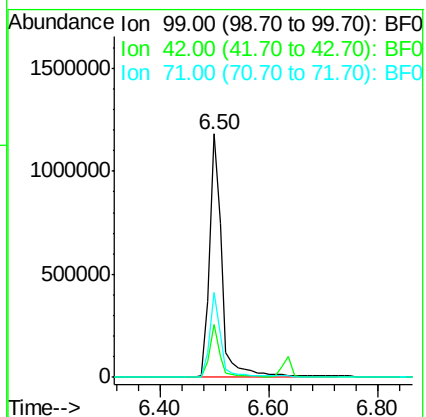
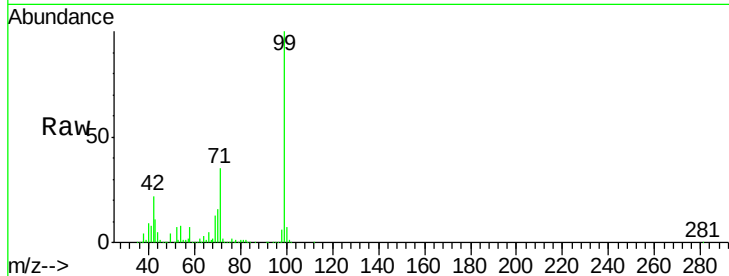
Tgt Ion: 99 Resp: 1893480

Ion Ratio Lower Upper

99 100

42 21.5 15.4 23.2

71 34.8 25.6 38.4



#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF086334.D

Acq: 21 Apr 2016 3:24

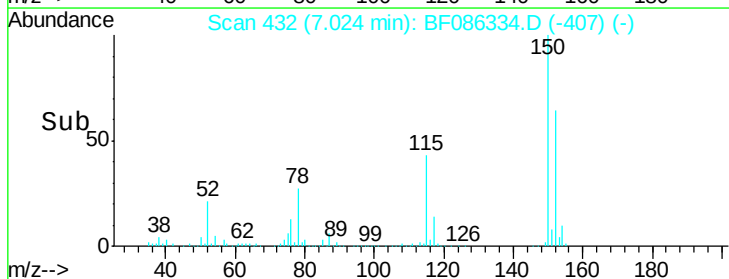
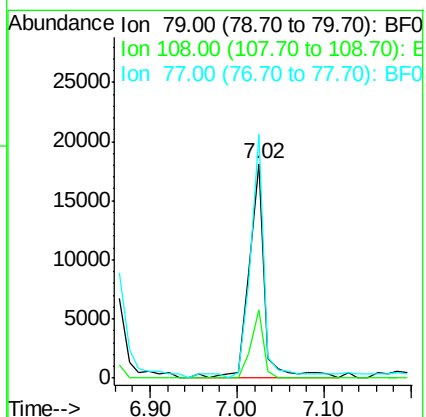
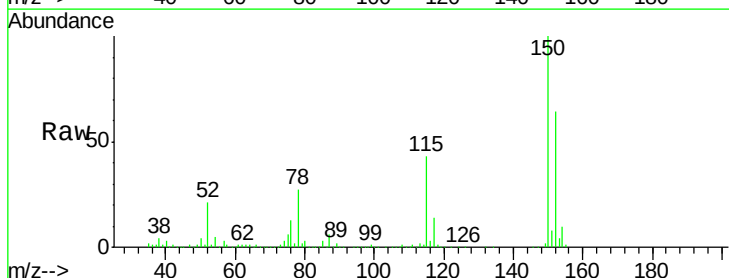
Tgt Ion: 79 Resp: 22644

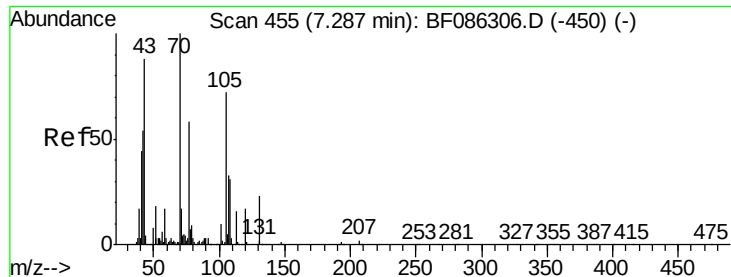
Ion Ratio Lower Upper

79 100

108 32.0 64.8 97.2#

77 113.6 51.9 77.9#

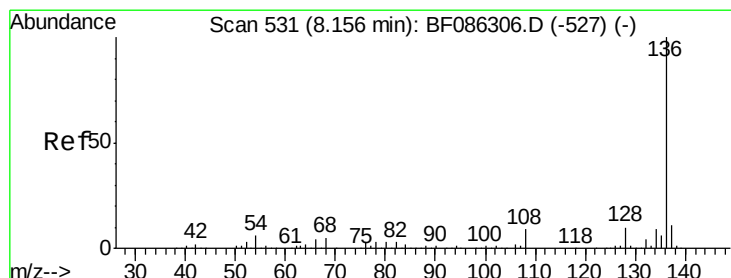
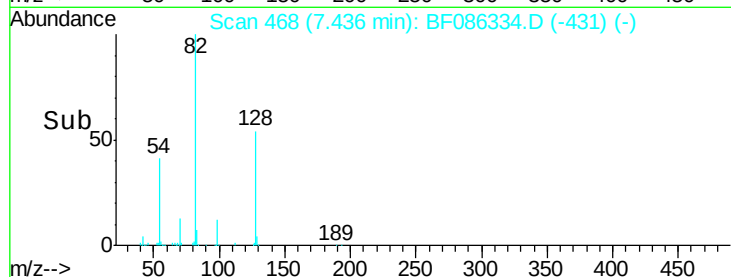
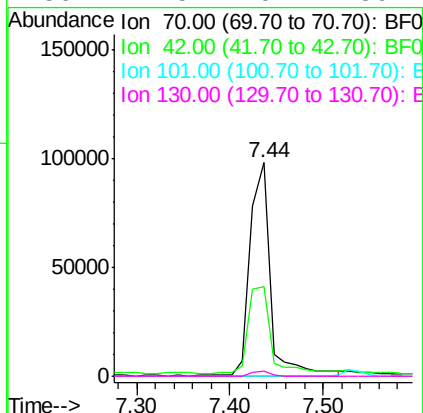
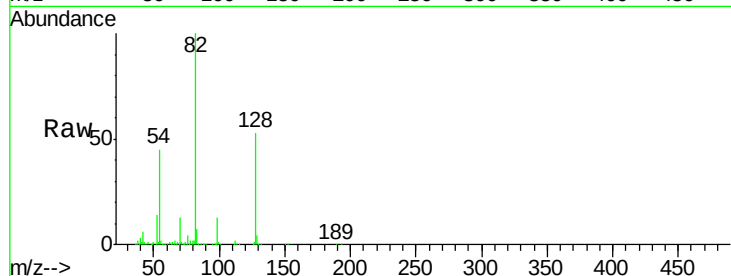




#19
n-Nitroso-di-n-propylamine
Concen: 13.60 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.13 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

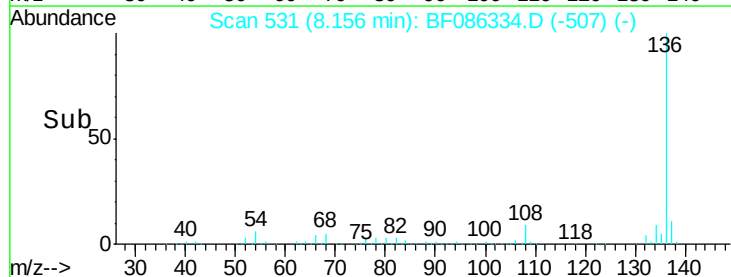
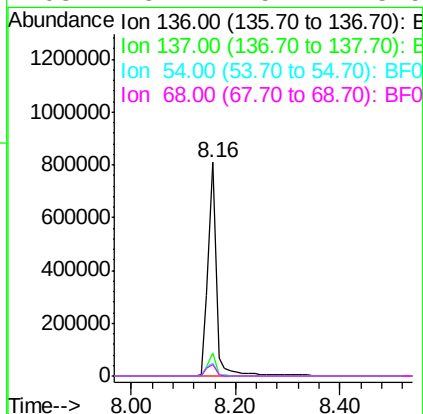
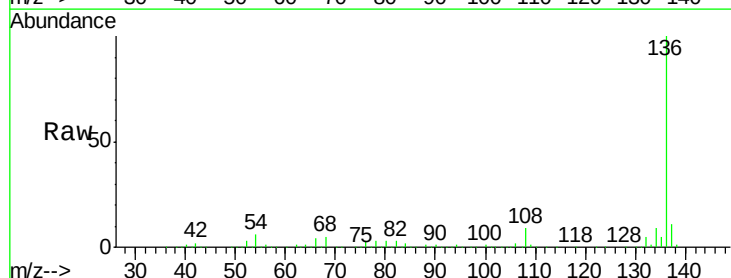
Instrument :
BNA_F
ClientSampleId :
LCF-B2

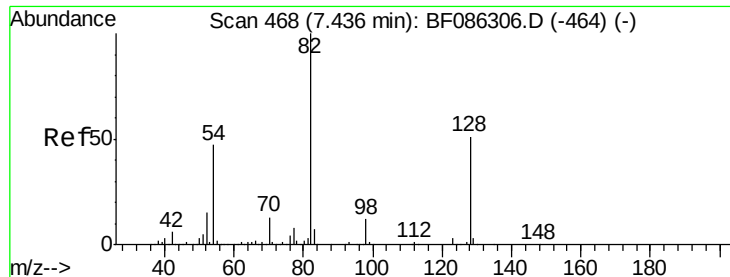
Tgt Ion:	70	Resp:	149351
Ion Ratio	Lower	Upper	
70	100		
42	42.2	43.0	64.4#
101	0.0	8.1	12.1#
130	2.5	20.1	30.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Tgt Ion:	136	Resp:	908949
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.1	13.7
54	6.3	7.3	10.9#
68	5.4	5.7	8.5#





#23

Nitrobenzene-d5

Concen: 73.32 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF086334.D

Acq: 21 Apr 2016 3:24

Instrument :

BNA_F

ClientSampled :

LCF-B2

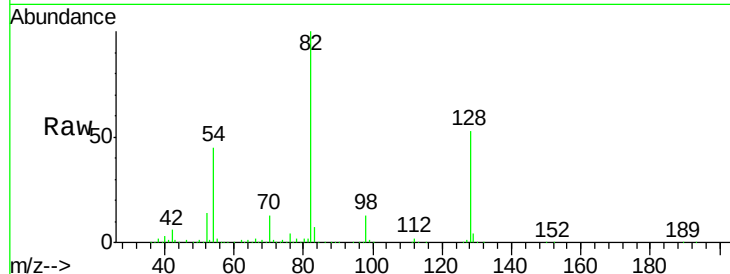
Tgt Ion: 82 Resp: 1163670

Ion Ratio Lower Upper

82 100

128 53.5 35.4 53.2#

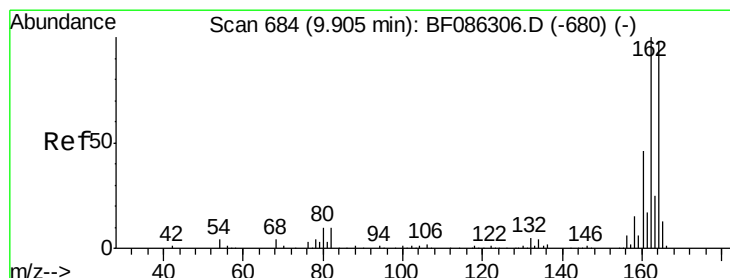
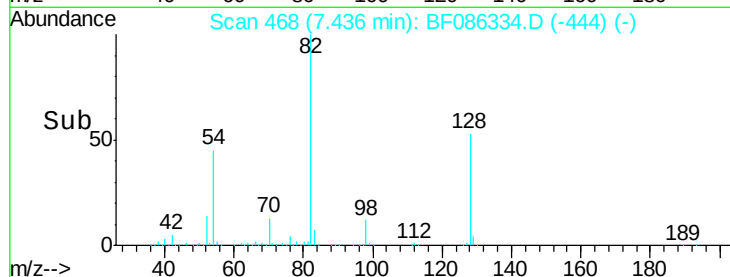
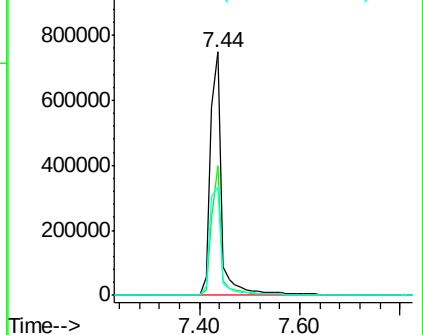
54 44.6 43.4 65.0



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: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF086334.D

Acq: 21 Apr 2016 3:24

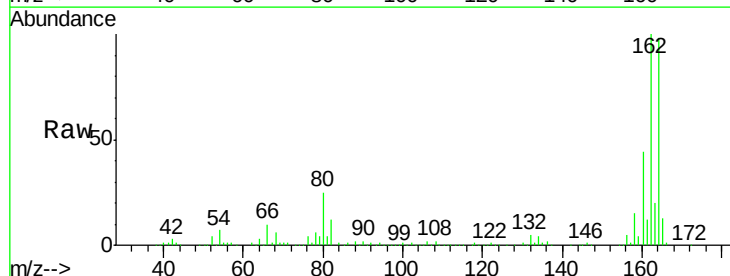
Tgt Ion: 164 Resp: 344817

Ion Ratio Lower Upper

164 100

162 101.6 82.8 124.2

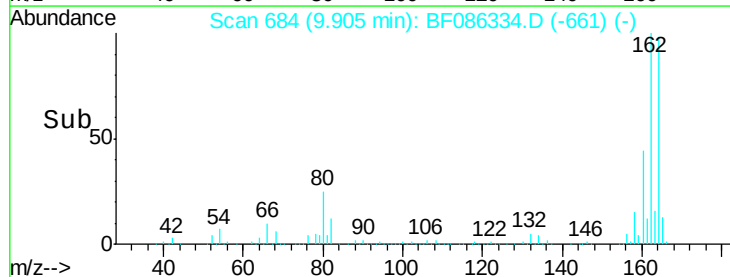
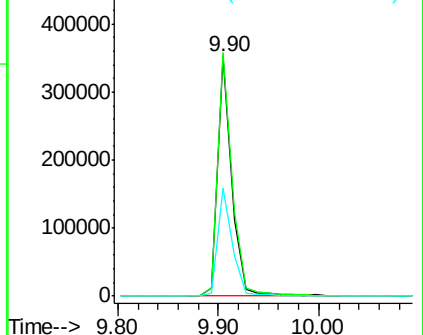
160 44.8 38.9 58.3

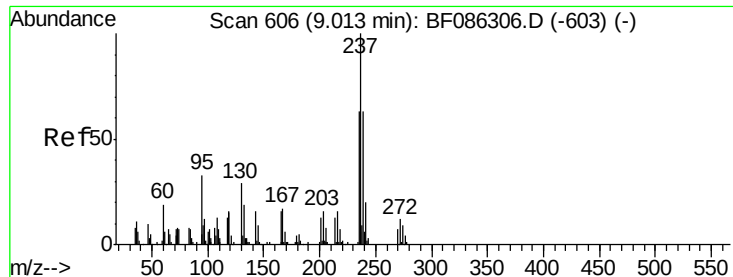


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#40

Hexachlorocyclopentadiene

Concen: 2.59 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF086334.D

Acq: 21 Apr 2016 3:24

Instrument :

BNA_F

ClientSampleId :

LCF-B2

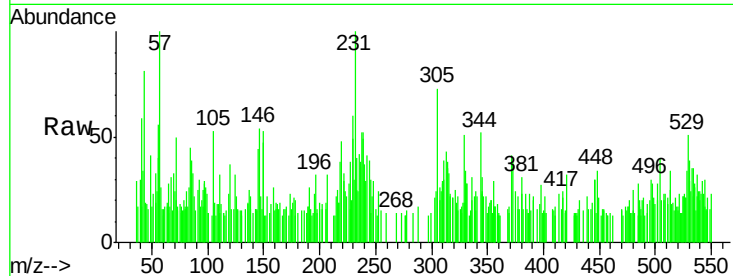
Tgt Ion:237 Resp: 1568

Ion Ratio Lower Upper

237 100

235 0.0 44.0 84.0#

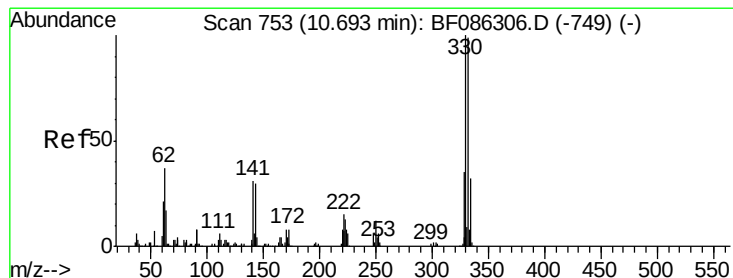
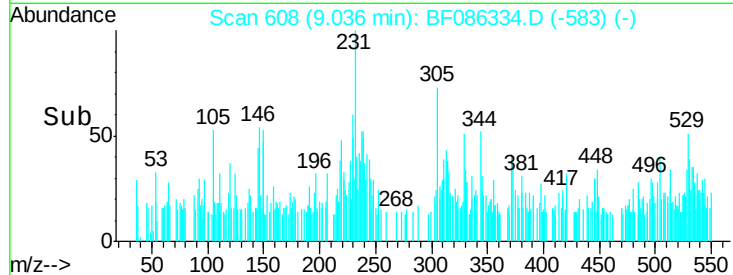
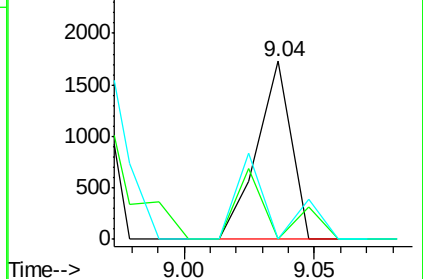
272 0.0 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 111.18 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.03 min

Lab File: BF086334.D

Acq: 21 Apr 2016 3:24

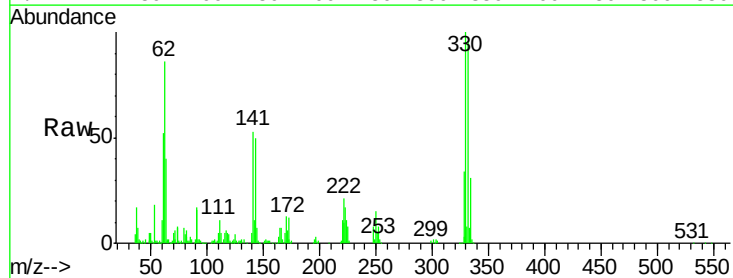
Tgt Ion:330 Resp: 298797

Ion Ratio Lower Upper

330 100

332 97.2 78.7 118.1

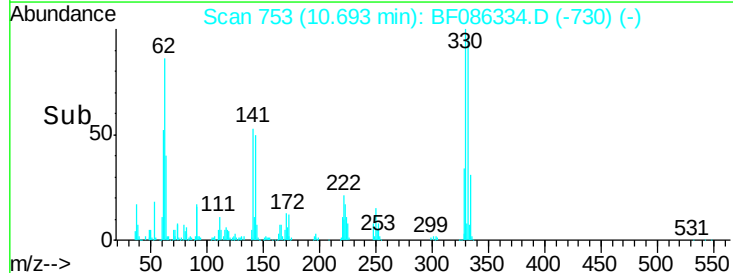
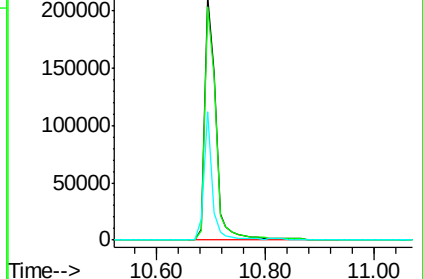
141 40.5 28.6 42.8

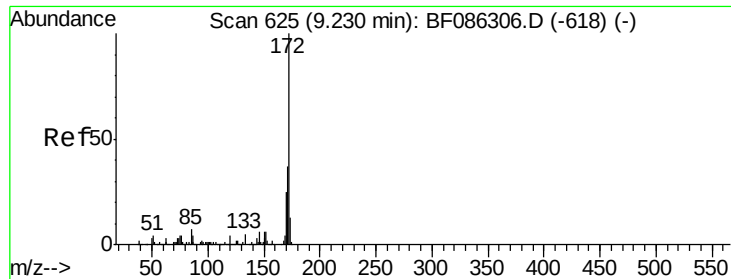


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 92.93 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF086334.D

Acq: 21 Apr 2016 3:24

Instrument :

BNA_F

ClientSampleId :

LCF-B2

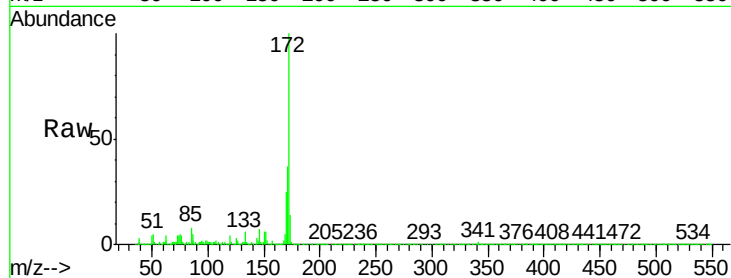
Tgt Ion:172 Resp: 1642240

Ion Ratio Lower Upper

172 100

171 37.1 29.1 43.7

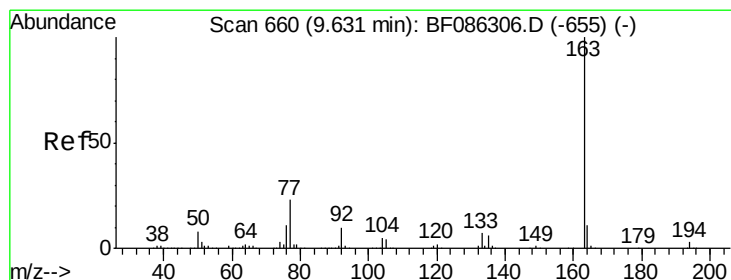
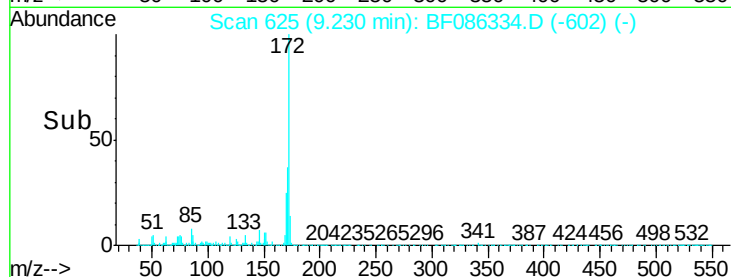
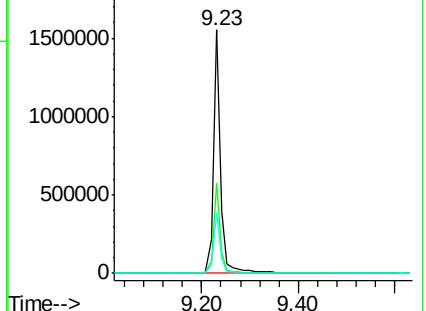
170 25.0 19.9 29.9



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: 15.44 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.05 min

Lab File: BF086334.D

Acq: 21 Apr 2016 3:24

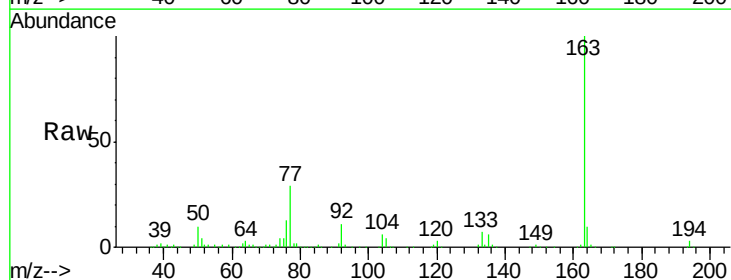
Tgt Ion:163 Resp: 405357

Ion Ratio Lower Upper

163 100

194 2.9 2.8 4.2

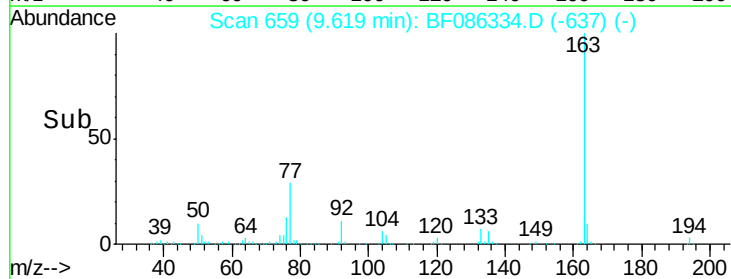
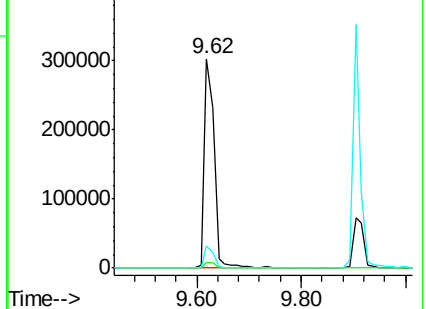
164 10.4 8.4 12.6

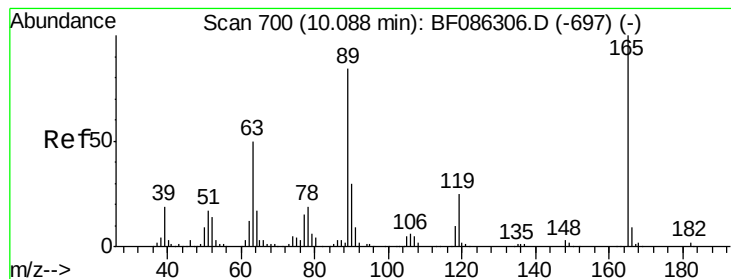


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 6.85 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.22 min

Lab File: BF086334.D

Acq: 21 Apr 2016 3:24

Instrument :

BNA_F

ClientSampleId :

LCF-B2

Tgt Ion:165 Resp: 45978

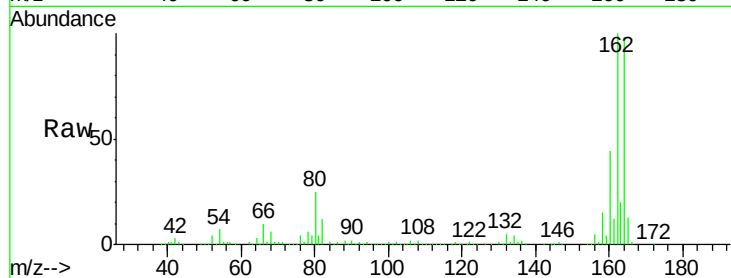
Ion Ratio Lower Upper

165 100

63 1.4 26.6 40.0#

89 1.3 49.5 74.3#

182 0.0 1.9 2.9#

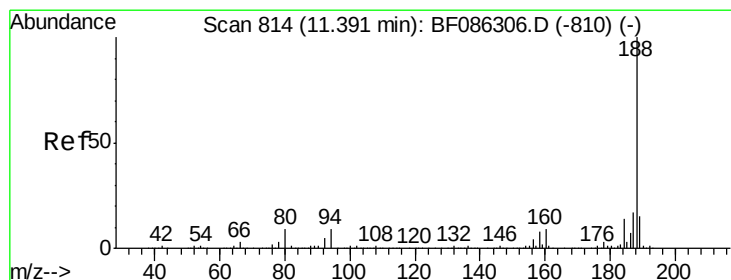
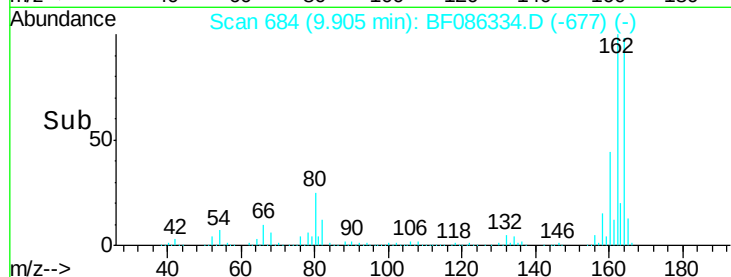
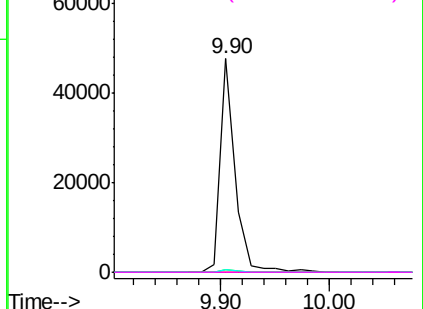


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.39 min Scan# 814

Delta R.T. -0.02 min

Lab File: BF086334.D

Acq: 21 Apr 2016 3:24

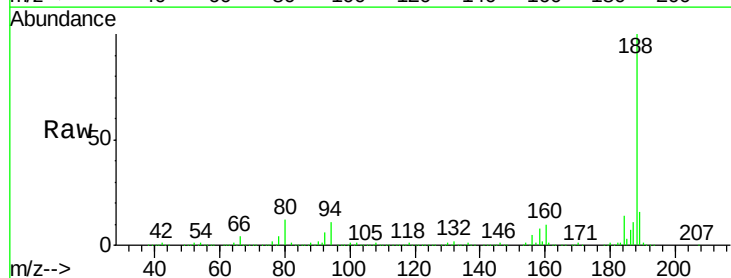
Tgt Ion:188 Resp: 573259

Ion Ratio Lower Upper

188 100

94 11.5 9.8 14.8

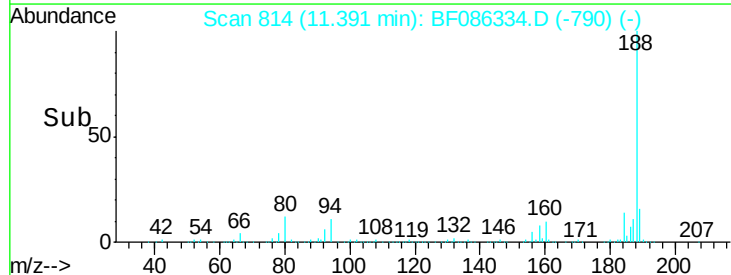
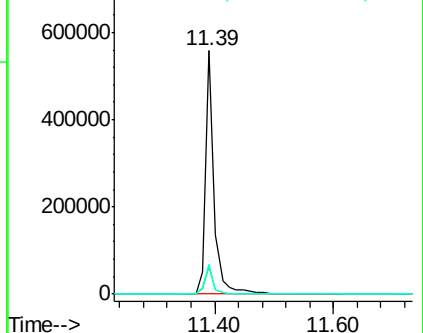
80 12.2 10.5 15.7

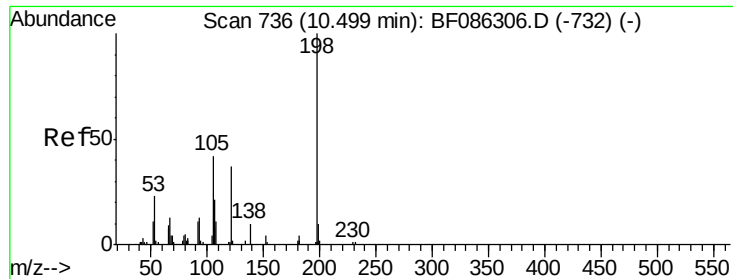


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 6.32 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.17 min

Lab File: BF086334.D

Acq: 21 Apr 2016 3:24

Instrument :

BNA_F

ClientSampleId :

LCF-B2

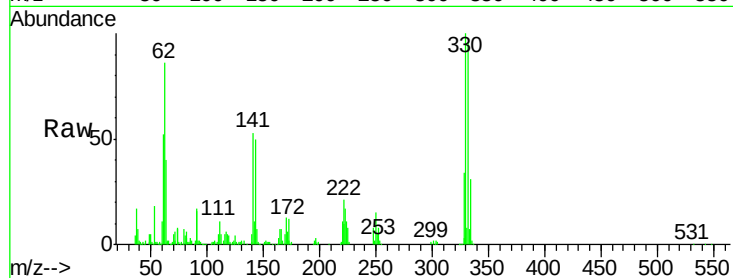
Tgt Ion:198 Resp: 549

Ion Ratio Lower Upper

198 100

51 221.6 56.5 96.5#

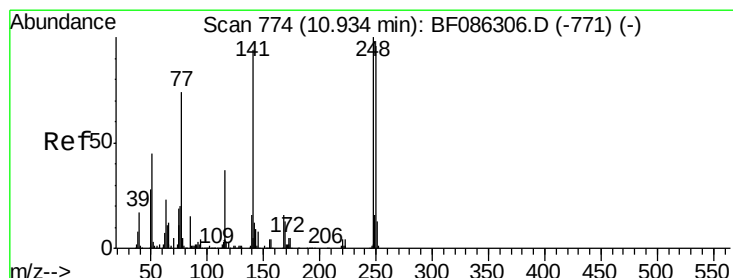
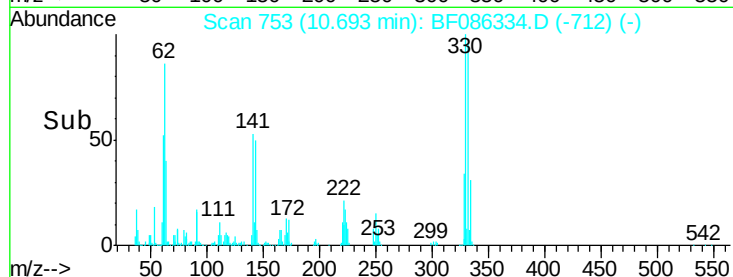
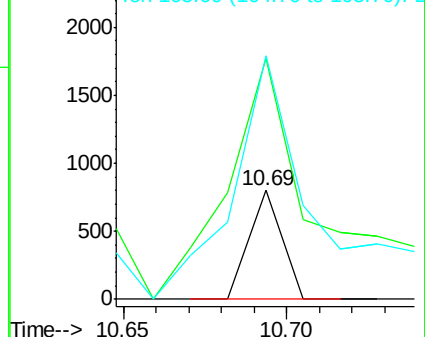
105 223.6 48.0 88.0#



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: 3.01 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.27 min

Lab File: BF086334.D

Acq: 21 Apr 2016 3:24

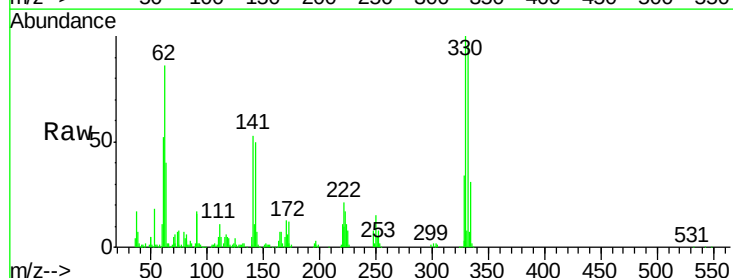
Tgt Ion:248 Resp: 18553

Ion Ratio Lower Upper

248 100

250 193.9 78.6 118.0#

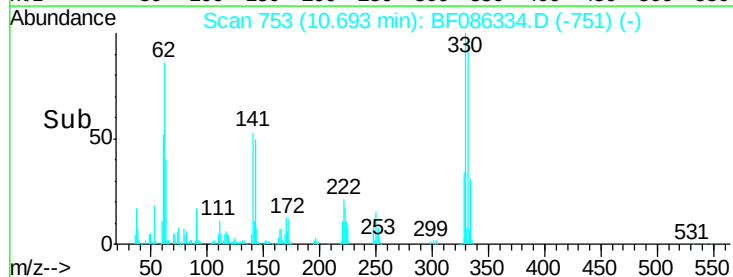
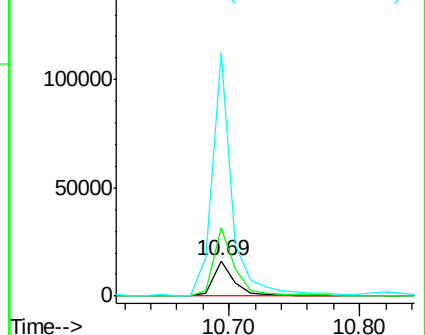
141 692.7 57.9 86.9#

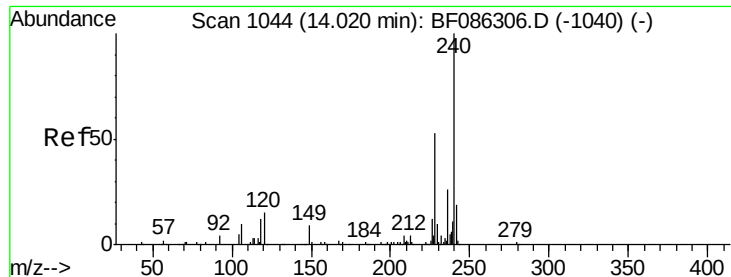


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF086334.D

Acq: 21 Apr 2016 3:24

Instrument :

BNA_F

ClientSampleId :

LCF-B2

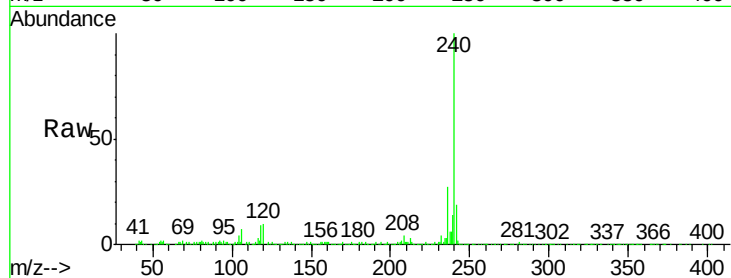
Tgt Ion:240 Resp: 406430

Ion Ratio Lower Upper

240 100

120 9.9 9.3 13.9

236 26.6 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

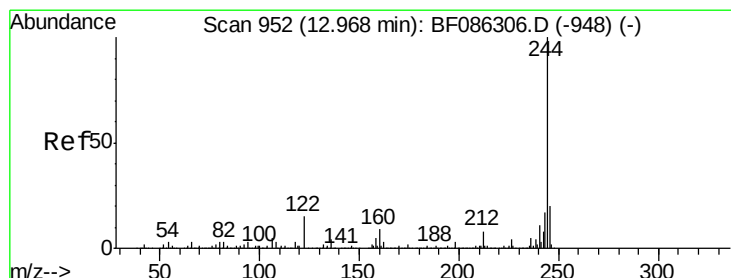
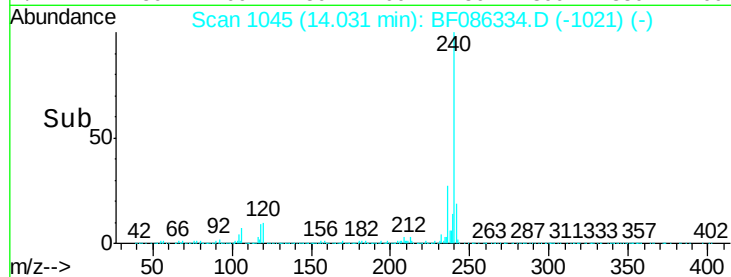
300000 14.03

200000

100000

0

Time--> 13.90 14.00 14.10 14.20



#78

Terphenyl-d14

Concen: 66.42 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF086334.D

Acq: 21 Apr 2016 3:24

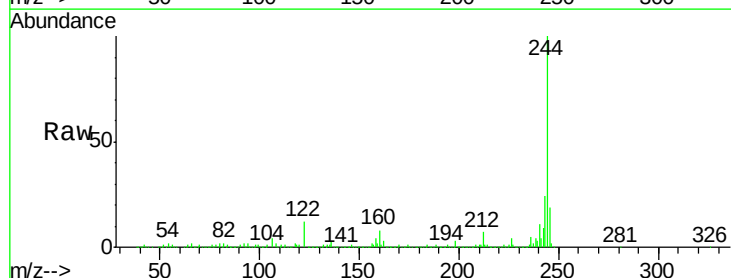
Tgt Ion:244 Resp: 1134101

Ion Ratio Lower Upper

244 100

212 7.3 6.4 9.6

122 12.0 11.7 17.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

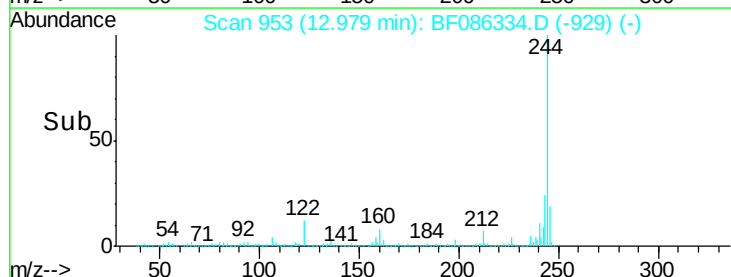
Ion 122.00 (121.70 to 122.70): E

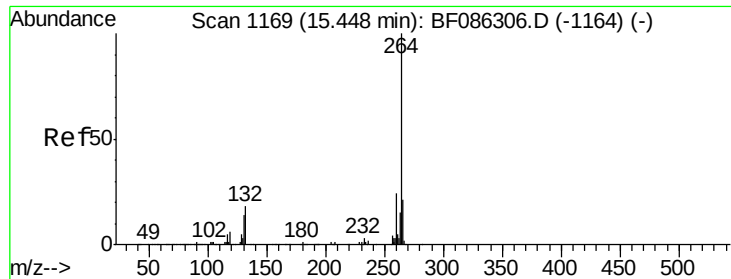
1000000 12.98

500000

0

Time--> 12.80 13.00 13.20

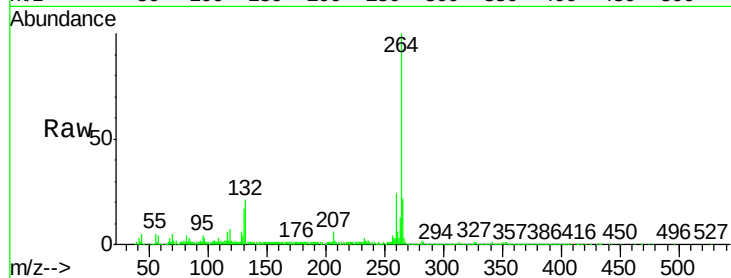




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF086334.D
Acq: 21 Apr 2016 3:24

Instrument :
BNA_F
ClientSampleId :
LCF-B2

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	20.0	30.0
265	21.6	17.4	26.0



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

