

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082305.D
 Acq On : 15 Oct 2015 13:15
 Operator : UM/IZ
 Sample : G4015-18
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF-12

Quant Time: Oct 16 01:09:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

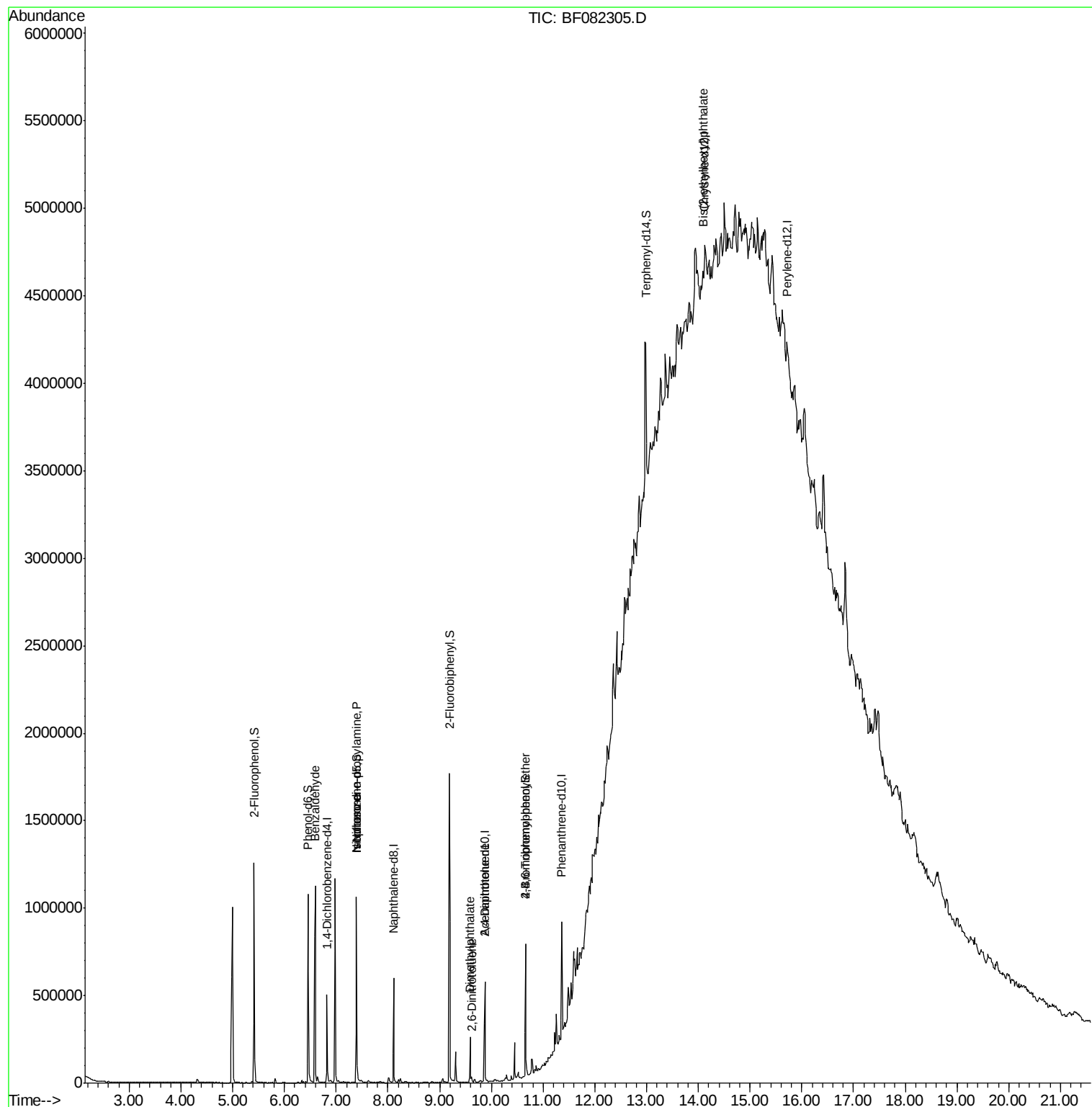
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	79319	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	297602	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	140550	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	256008	20.00	ng	0.00
75) Chrysene-d12	14.12	240	130707	20.00	ng	0.02
86) Perylene-d12	15.72	264	134822	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	358824	91.30	ng	0.00
7) Phenol-d6	6.46	99	496443	97.07	ng	-0.01
23) Nitrobenzene-d5	7.39	82	372254	84.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	100943	76.58	ng	-0.01
44) 2-Fluorobiphenyl	9.19	172	723103	85.32	ng	-0.01
78) Terphenyl-d14	12.98	244	454375	92.12	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	8559	3.28	ng	88
19) n-Nitroso-di-n-propylamine	7.39	70	49951	13.91	ng	# 78
25) Isophorone	7.39	82	292615	32.72	ng	# 66
49) Dimethylphthalate	9.59	163	103813	10.49	ng	99
50) 2,6-Dinitrotoluene	9.62	165	5868	2.81	ng	# 30
56) 2,4-Dinitrotoluene	9.87	165	17962	6.88	ng	# 23
66) 4-Bromophenyl-phenylether	10.66	248	6997	2.73	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.09	149	46106	9.13	ng	# 85

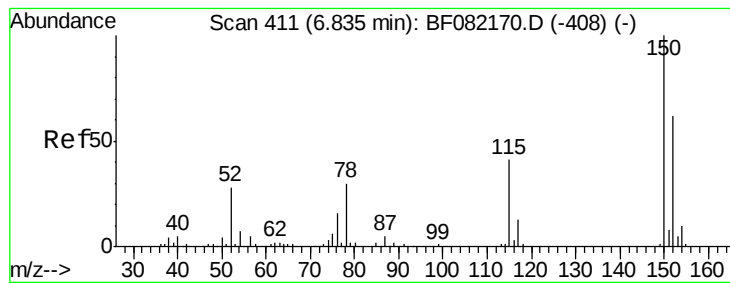
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF082305.D

Acq: 15 Oct 2015 13:15

Instrument :

BNA_F

ClientSampleId :

LF-12

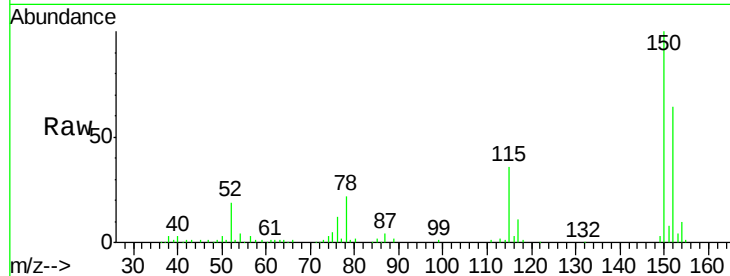
Tot Ion:152 Resp: 79319

Ion Ratio Lower Upper

152 100

150 157.4 129.0 193.4

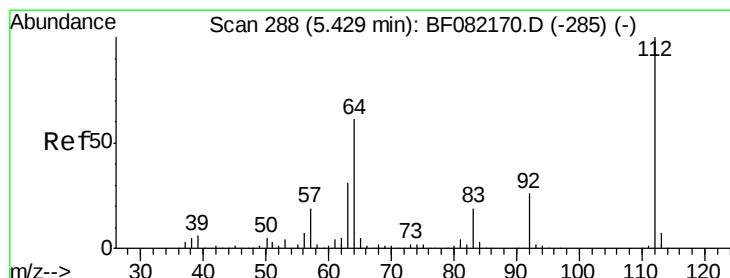
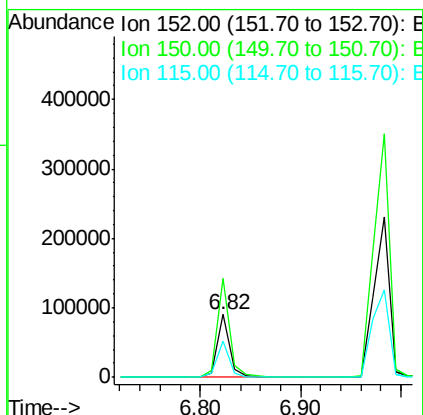
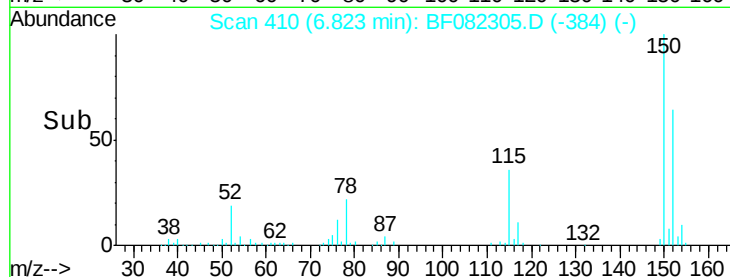
115 56.6 52.1 78.1



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: 91.30 ng

RT: 5.42 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF082305.D

Acq: 15 Oct 2015 13:15

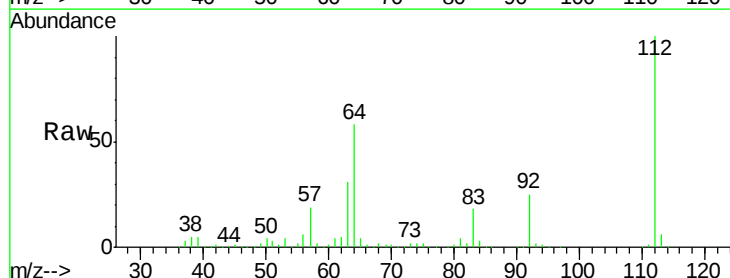
Tgt Ion:112 Resp: 358824

Ion Ratio Lower Upper

112 100

64 58.4 48.6 73.0

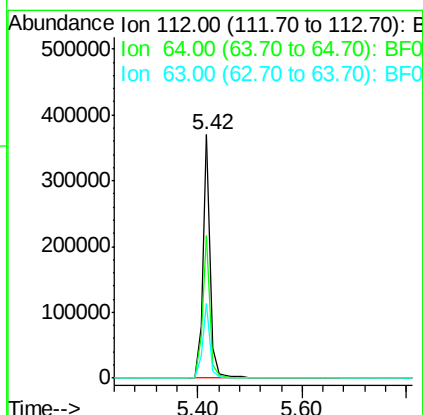
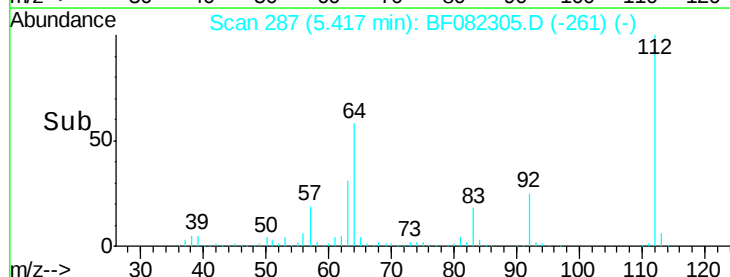
63 30.7 25.1 37.7



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: 97.07 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082305.D

Acq: 15 Oct 2015 13:15

Instrument :

BNA_F

ClientSampled :

LF-12

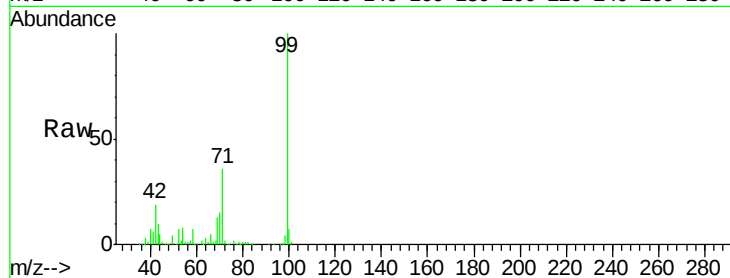
Tot Ion: 99 Resp: 496443

Ion Ratio Lower Upper

99 100

42 19.4 13.2 19.8

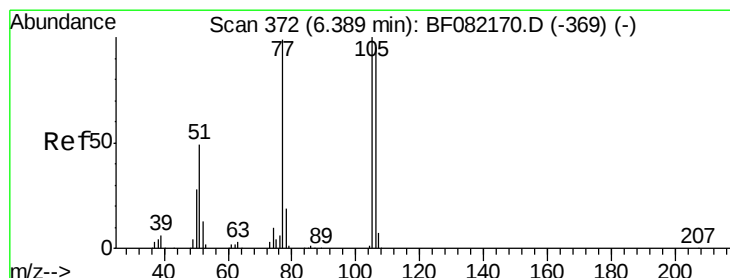
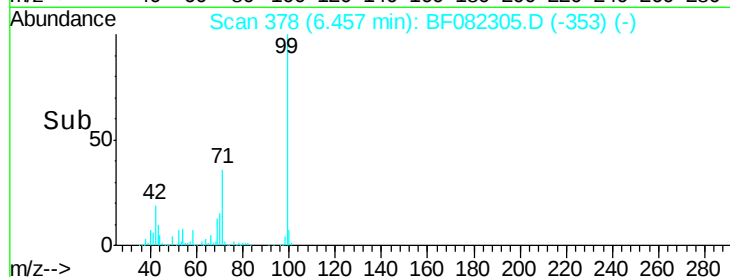
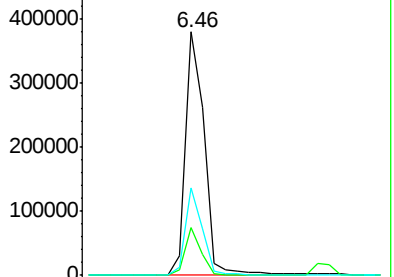
71 36.0 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 3.28 ng

RT: 6.59 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF082305.D

Acq: 15 Oct 2015 13:15

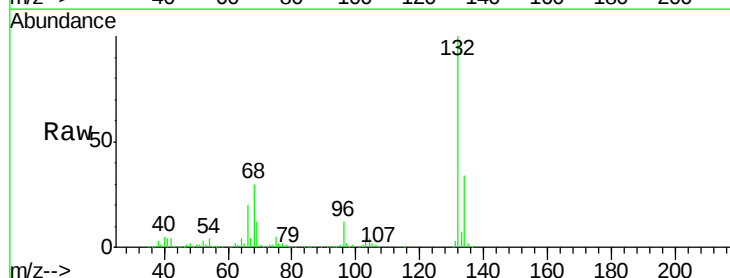
Tgt Ion: 77 Resp: 8559

Ion Ratio Lower Upper

77 100

105 91.3 80.6 120.6

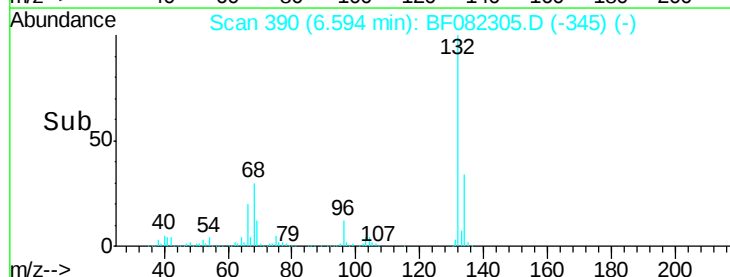
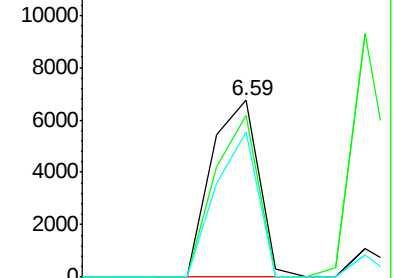
106 81.9 75.5 115.5

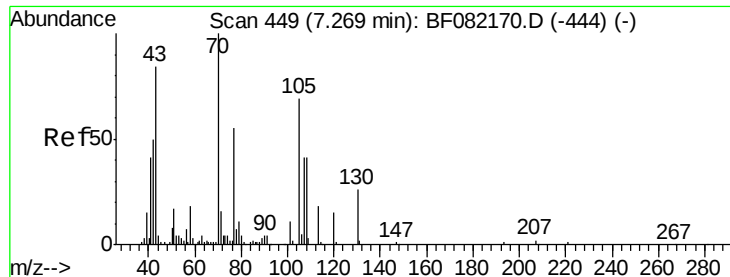


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

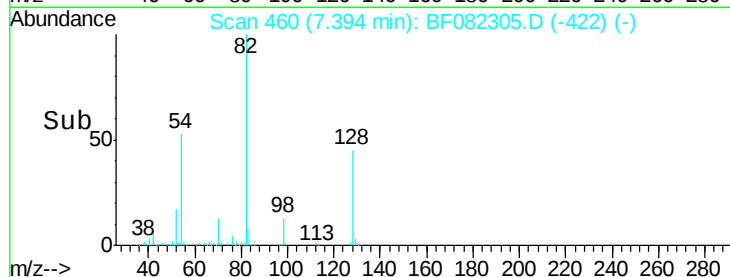
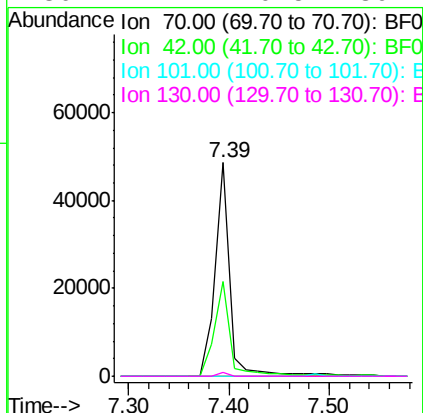
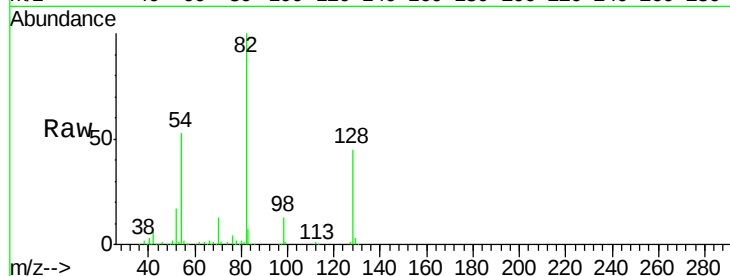




#19
n-Nitroso-di-n-propylamine
Concen: 13.91 ng
RT: 7.39 min Scan# 460
Delta R.T. 0.14 min
Lab File: BF082305.D
Acq: 15 Oct 2015 13:15

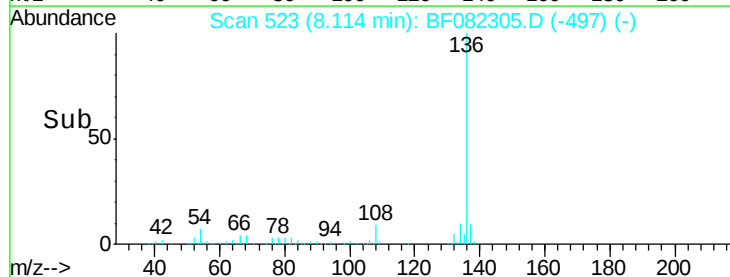
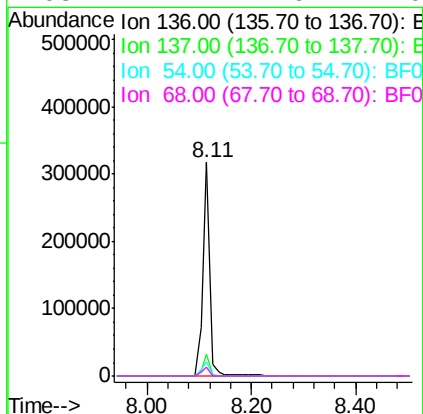
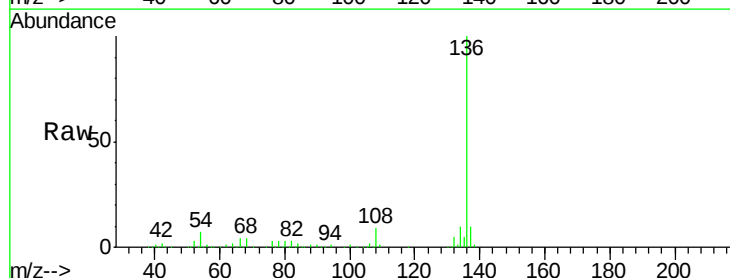
Instrument :
BNA_F
ClientSampleId :
LF-12

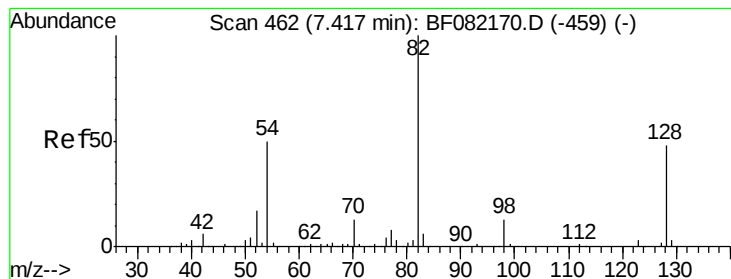
Tot Ion: 70 Resp: 49951
Ion Ratio Lower Upper
70 100
42 44.3 39.8 59.8
101 0.0 8.6 13.0#
130 2.1 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082305.D
Acq: 15 Oct 2015 13:15

Tgt Ion: 136 Resp: 297602
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.6
54 6.7 7.5 11.3#
68 4.2 4.6 7.0#





#23

Nitrobenzene-d5

Concen: 84.00 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.01 min

Lab File: BF082305.D

Acq: 15 Oct 2015 13:15

Instrument :

BNA_F

ClientSampled :

LF-12

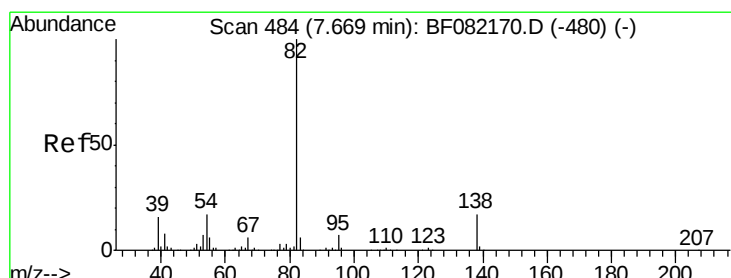
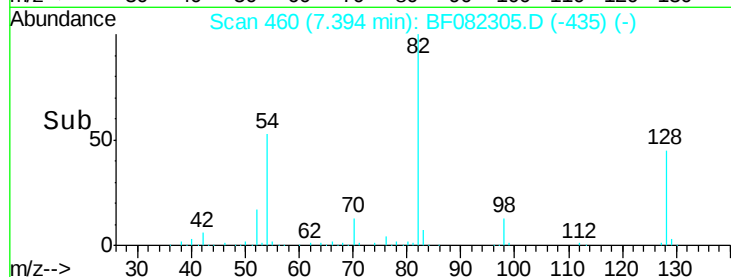
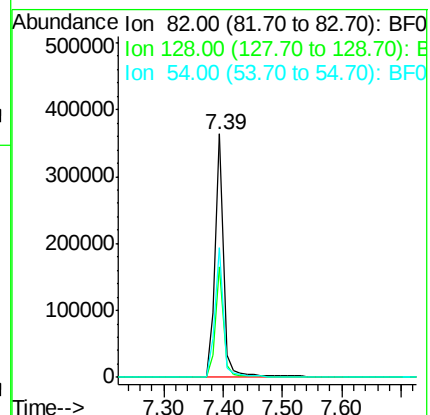
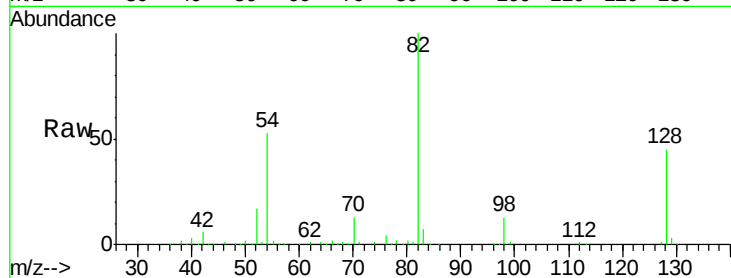
Tot Ion: 82 Resp: 372254

Ion Ratio Lower Upper

82 100

128 45.3 38.7 58.1

54 53.0 40.1 60.1



#25

Isophorone

Concen: 32.72 ng

RT: 7.39 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF082305.D

Acq: 15 Oct 2015 13:15

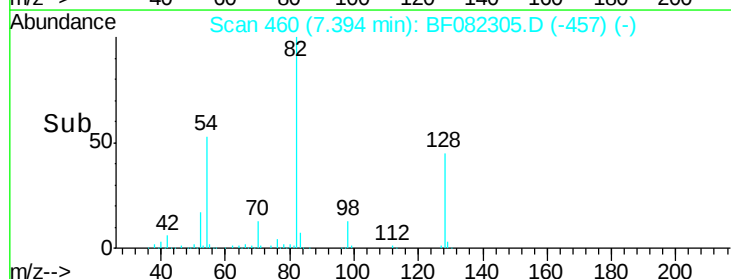
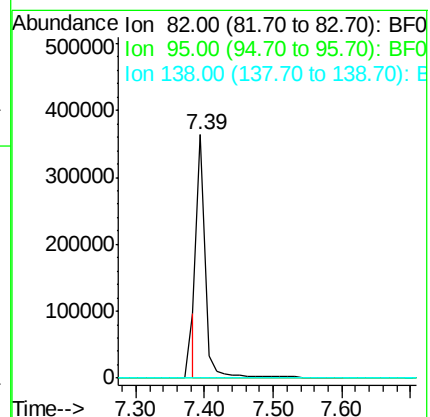
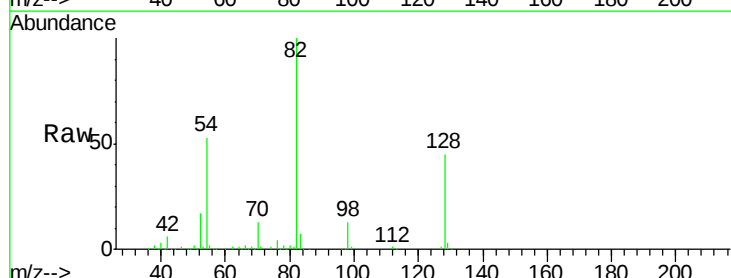
Tgt Ion: 82 Resp: 292615

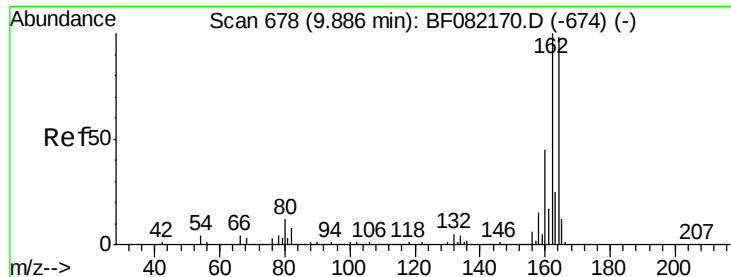
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF082305.D

Acq: 15 Oct 2015 13:15

Instrument :

BNA_F

ClientSampleId :

LF-12

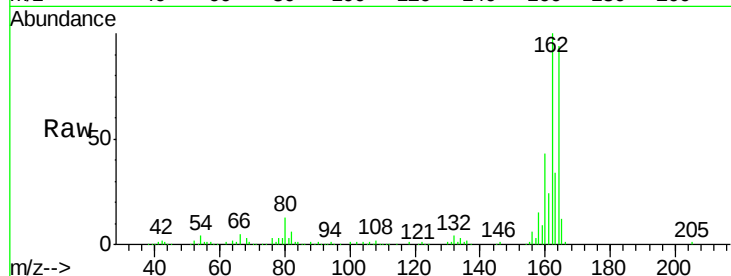
Tot Ion:164 Resp: 140550

Ion Ratio Lower Upper

164 100

162 106.3 81.6 122.4

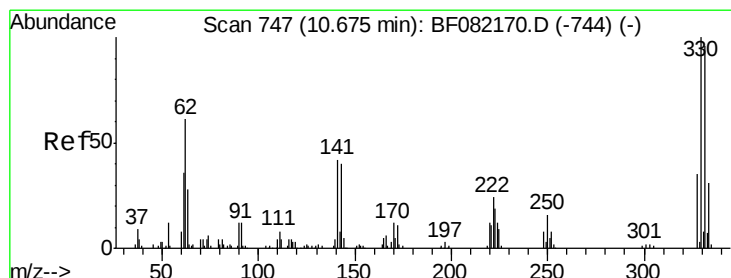
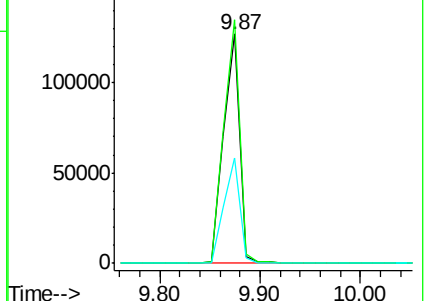
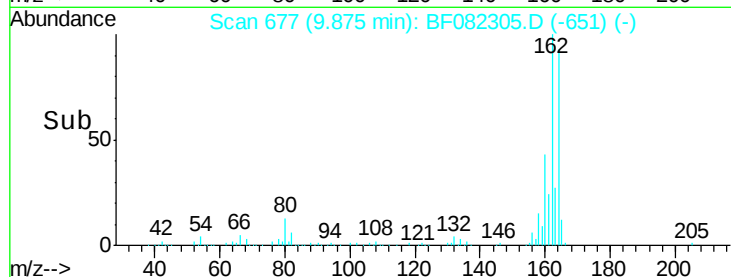
160 46.0 36.4 54.6



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: 76.58 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF082305.D

Acq: 15 Oct 2015 13:15

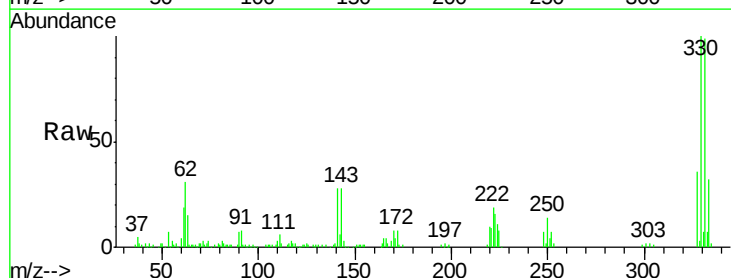
Tgt Ion:330 Resp: 100943

Ion Ratio Lower Upper

330 100

332 99.6 77.1 115.7

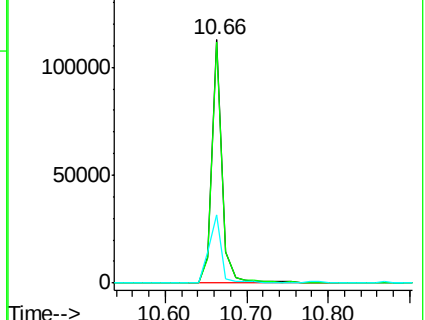
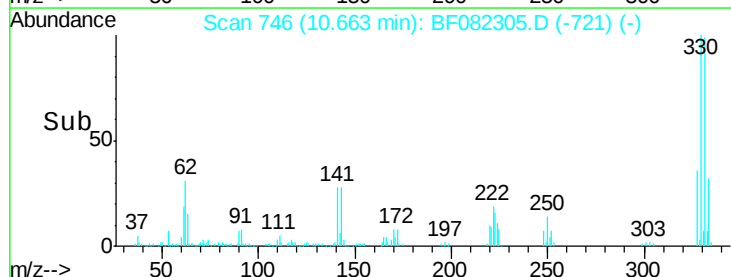
141 34.8 29.8 44.8



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

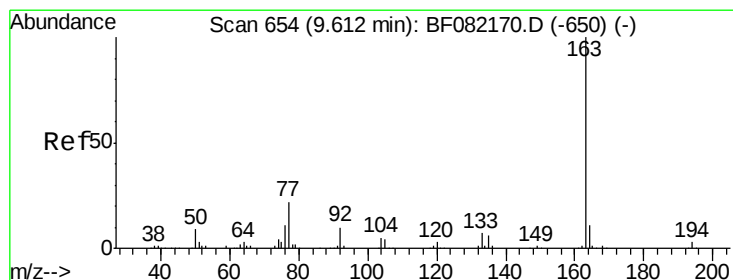
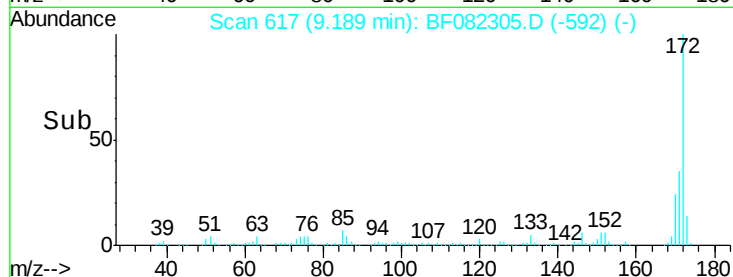
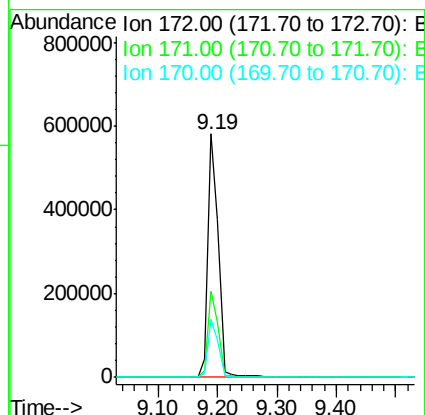
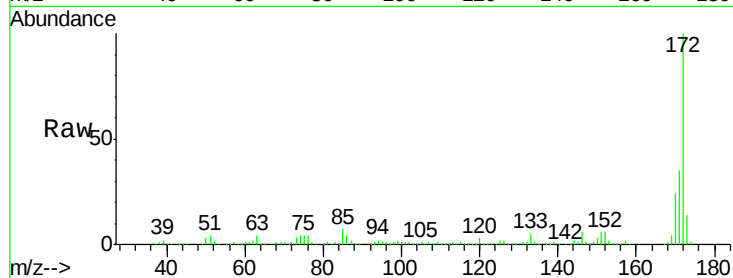




#44
2-Fluorobiphenyl
Concen: 85.32 ng
RT: 9.19 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF082305.D
Acq: 15 Oct 2015 13:15

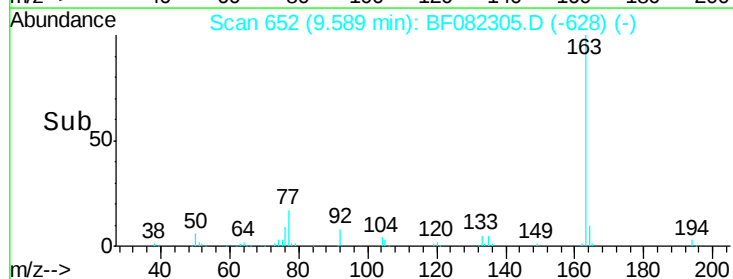
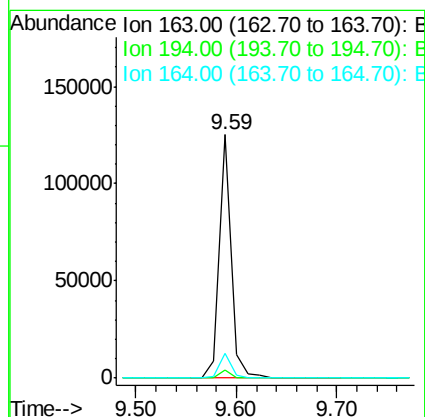
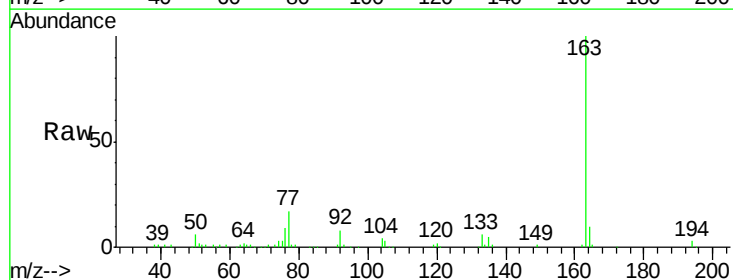
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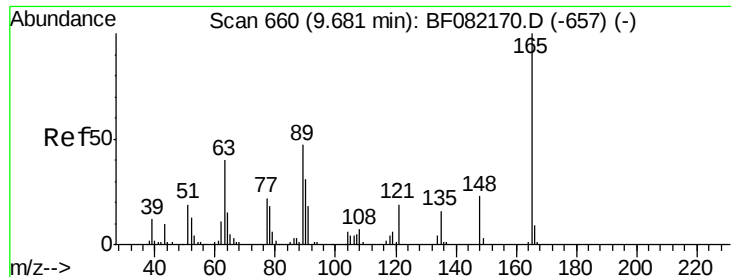
Tot Ion:172 Resp: 723103
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 24.0 19.7 29.5



#49
Dimethylphthalate
Concen: 10.49 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082305.D
Acq: 15 Oct 2015 13:15

Tgt Ion:163 Resp: 103813
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.0 8.5 12.7





#50

2,6-Dinitrotoluene

Concen: 2.81 ng

RT: 9.62 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF082305.D

Acq: 15 Oct 2015 13:15

Instrument :

BNA_F

ClientSampleId :

LF-12

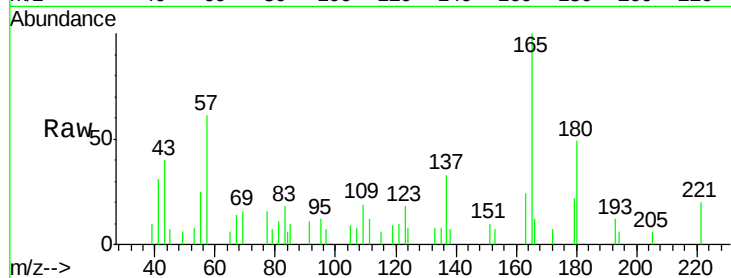
Tot Ion:165 Resp: 5868

Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

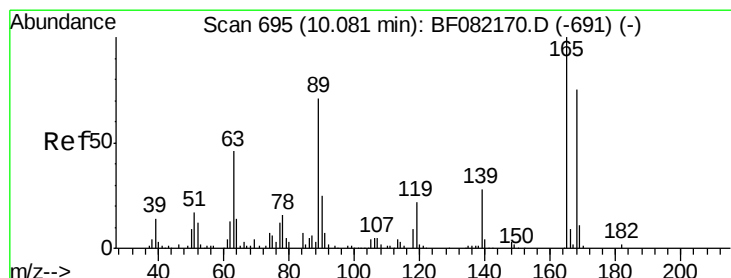
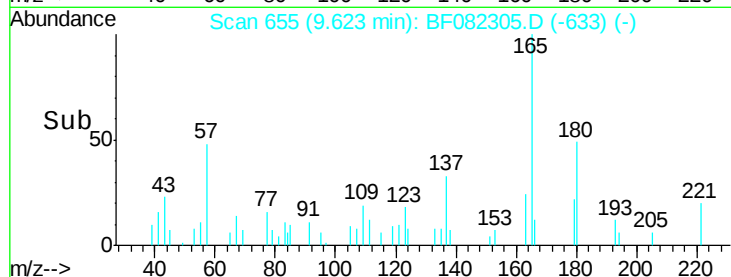
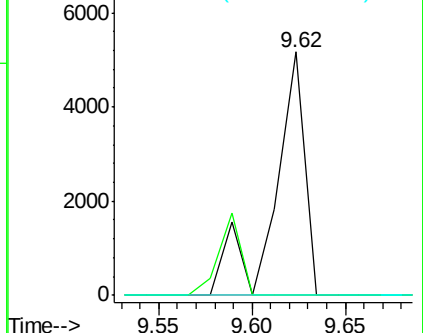
89 0.0 37.8 56.6#



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



#56

2,4-Dinitrotoluene

Concen: 6.88 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.19 min

Lab File: BF082305.D

Acq: 15 Oct 2015 13:15

Tgt Ion:165 Resp: 17962

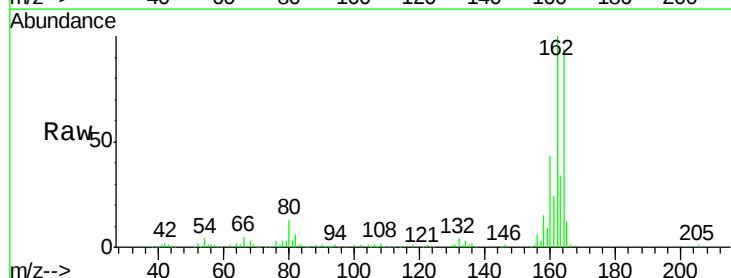
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 1.9 57.0 85.6#

182 0.0 1.8 2.6#

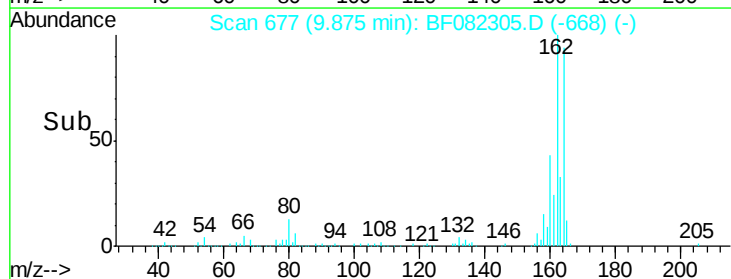
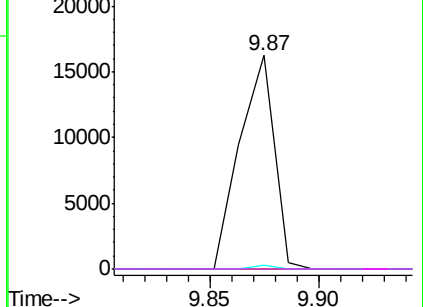


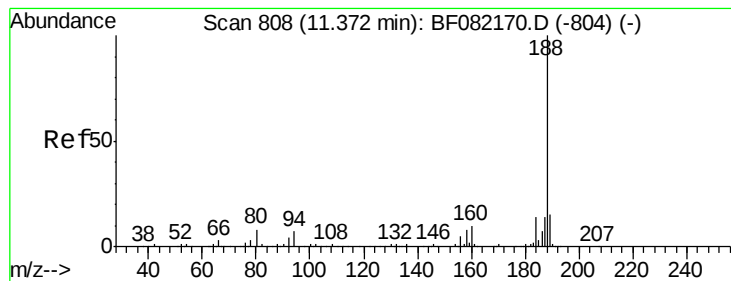
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082305.D

Acq: 15 Oct 2015 13:15

Instrument :

BNA_F

ClientSampleId :

LF-12

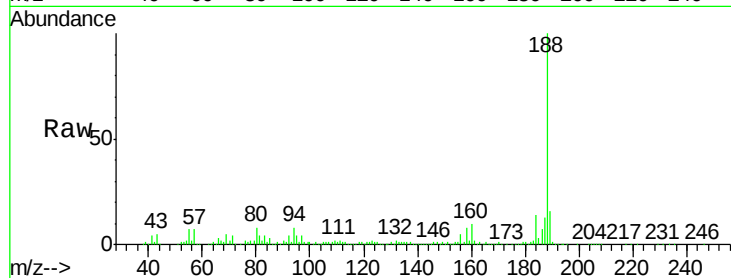
Tot Ion:188 Resp: 256008

Ion Ratio Lower Upper

188 100

94 7.9 5.8 8.6

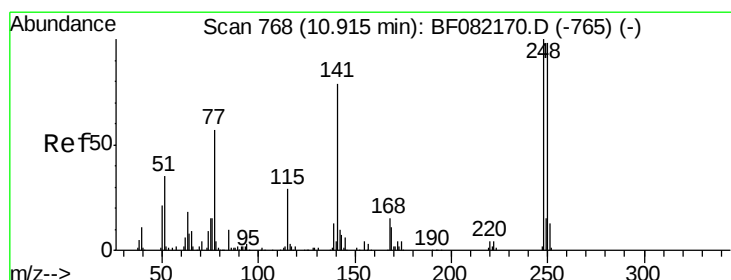
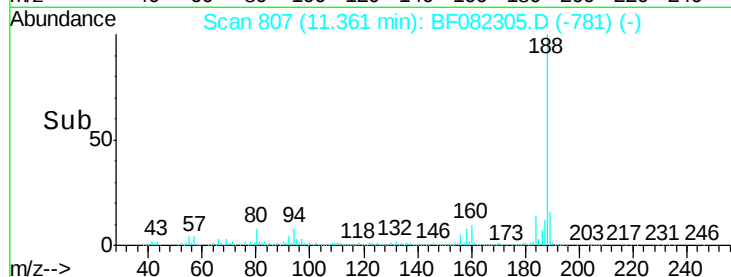
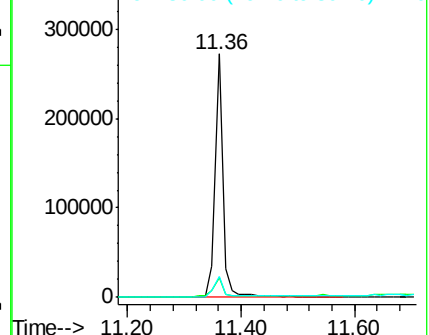
80 8.4 6.4 9.6



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: 2.73 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF082305.D

Acq: 15 Oct 2015 13:15

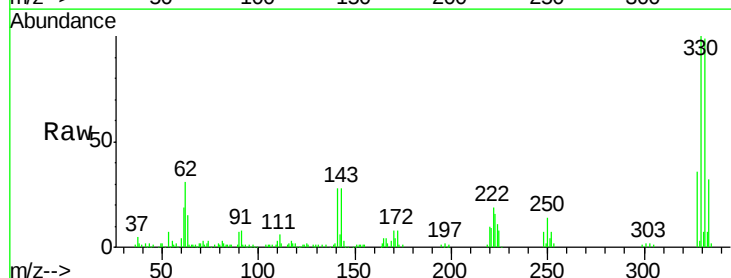
Tgt Ion:248 Resp: 6997

Ion Ratio Lower Upper

248 100

250 195.7 78.6 117.8#

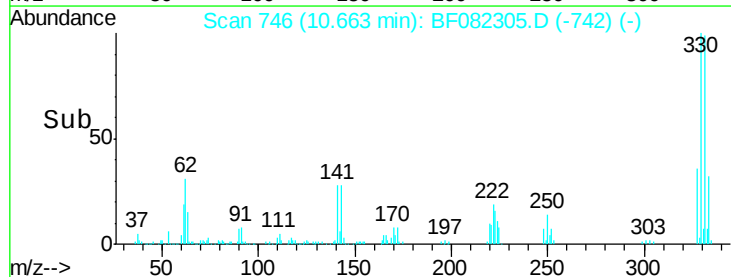
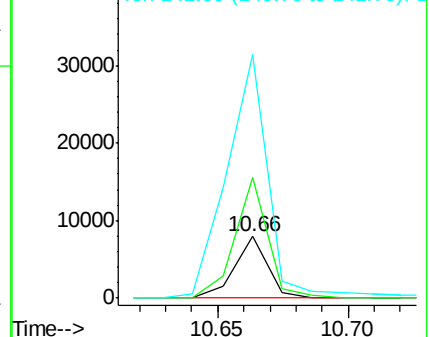
141 395.9 63.3 94.9#

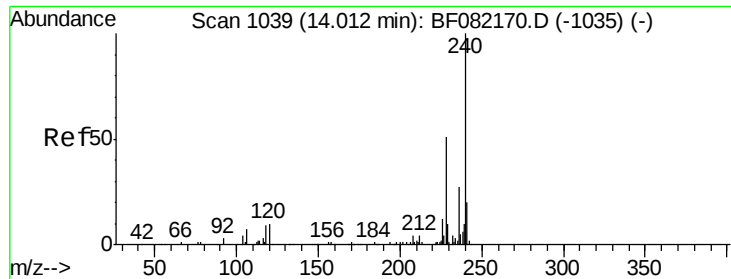


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.12 min Scan# 1048

Delta R.T. 0.02 min

Lab File: BF082305.D

Acq: 15 Oct 2015 13:15

Instrument :

BNA_F

ClientSampleId :

LF-12

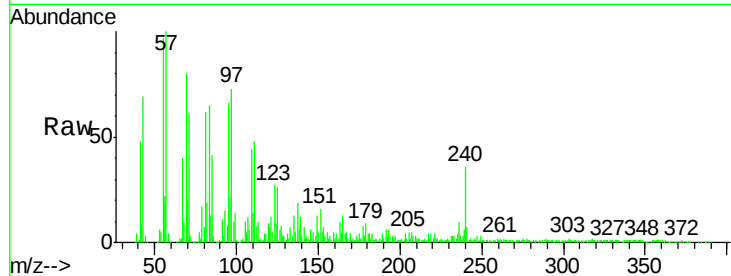
Tot Ion:240 Resp: 130707

Ion Ratio Lower Upper

240 100

120 18.7 8.1 12.1#

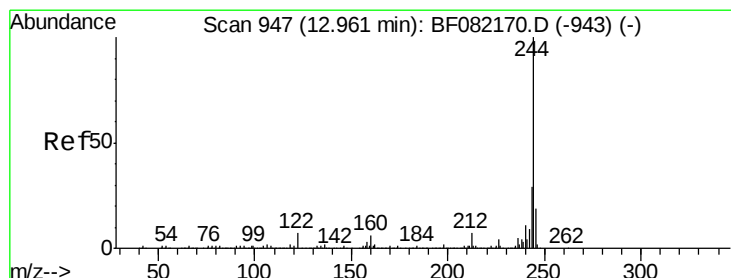
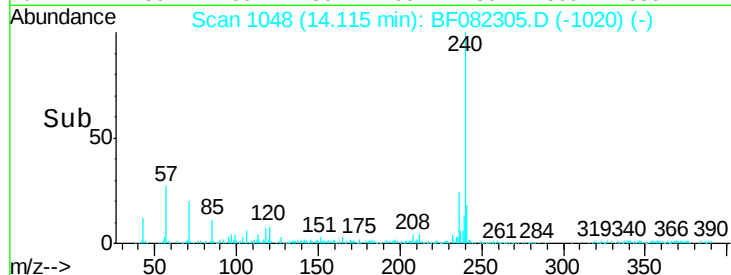
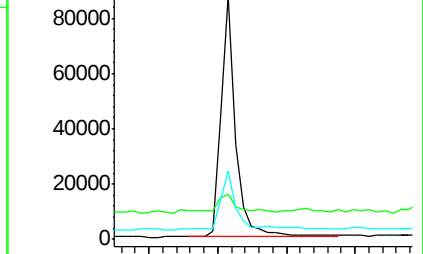
236 27.9 21.3 31.9



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: 92.12 ng

RT: 12.98 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF082305.D

Acq: 15 Oct 2015 13:15

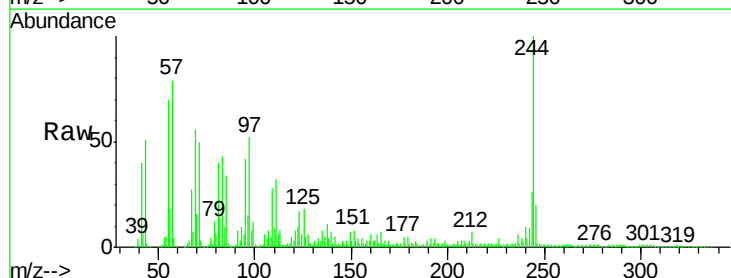
Tgt Ion:244 Resp: 454375

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.6

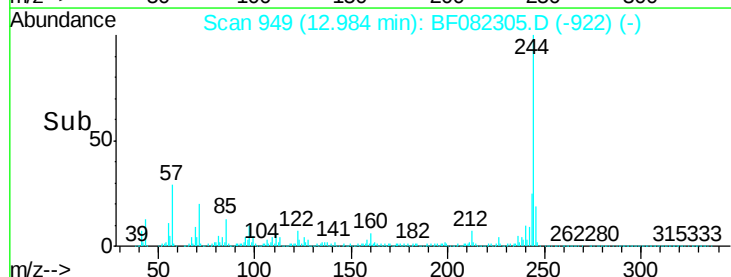
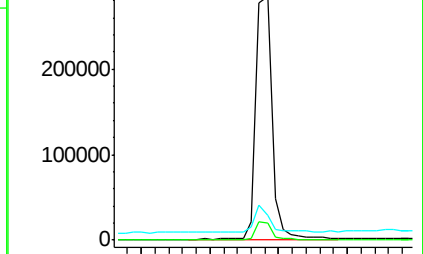
122 9.9 5.9 8.9#

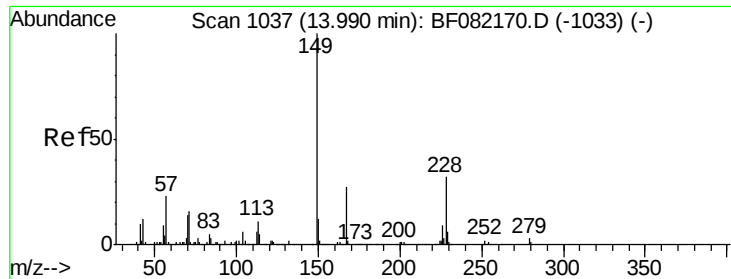


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

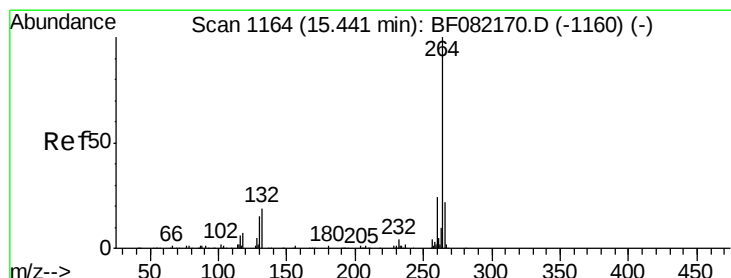
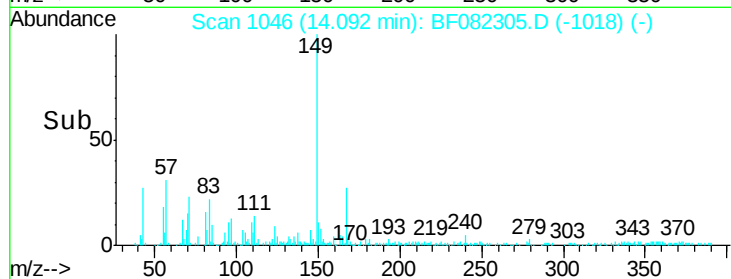
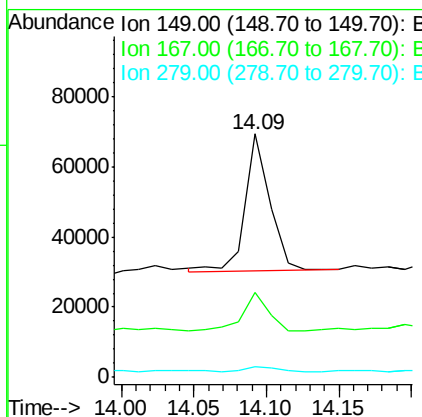
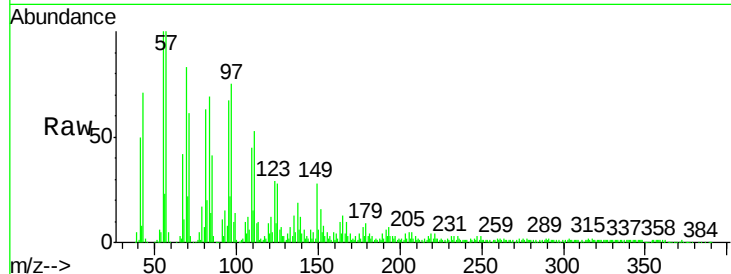




#83
Bis(2-ethylhexyl)phthalate
Concen: 9.13 ng
RT: 14.09 min Scan# 1046
Delta R.T. 0.02 min
Lab File: BF082305.D
Acq: 15 Oct 2015 13:15

Instrument :
BNA_F
ClientSampled :
LF-12

Tot Ion:149 Resp: 46106
Ion Ratio Lower Upper
149 100
167 35.1 21.3 31.9#
279 4.4 2.6 4.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.72 min Scan# 1188
Delta R.T. 0.06 min
Lab File: BF082305.D
Acq: 15 Oct 2015 13:15

Tgt Ion:264 Resp: 134822
Ion Ratio Lower Upper
264 100
260 25.6 19.0 28.6
265 23.4 17.3 25.9

