

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082115\
 Data File : BF081159.D
 Acq On : 21 Aug 2015 22:21
 Operator : UM/IZ
 Sample : G3230-04RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 21 23:32:24 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 21 23:26:22 2015
 Response via : Initial Calibration

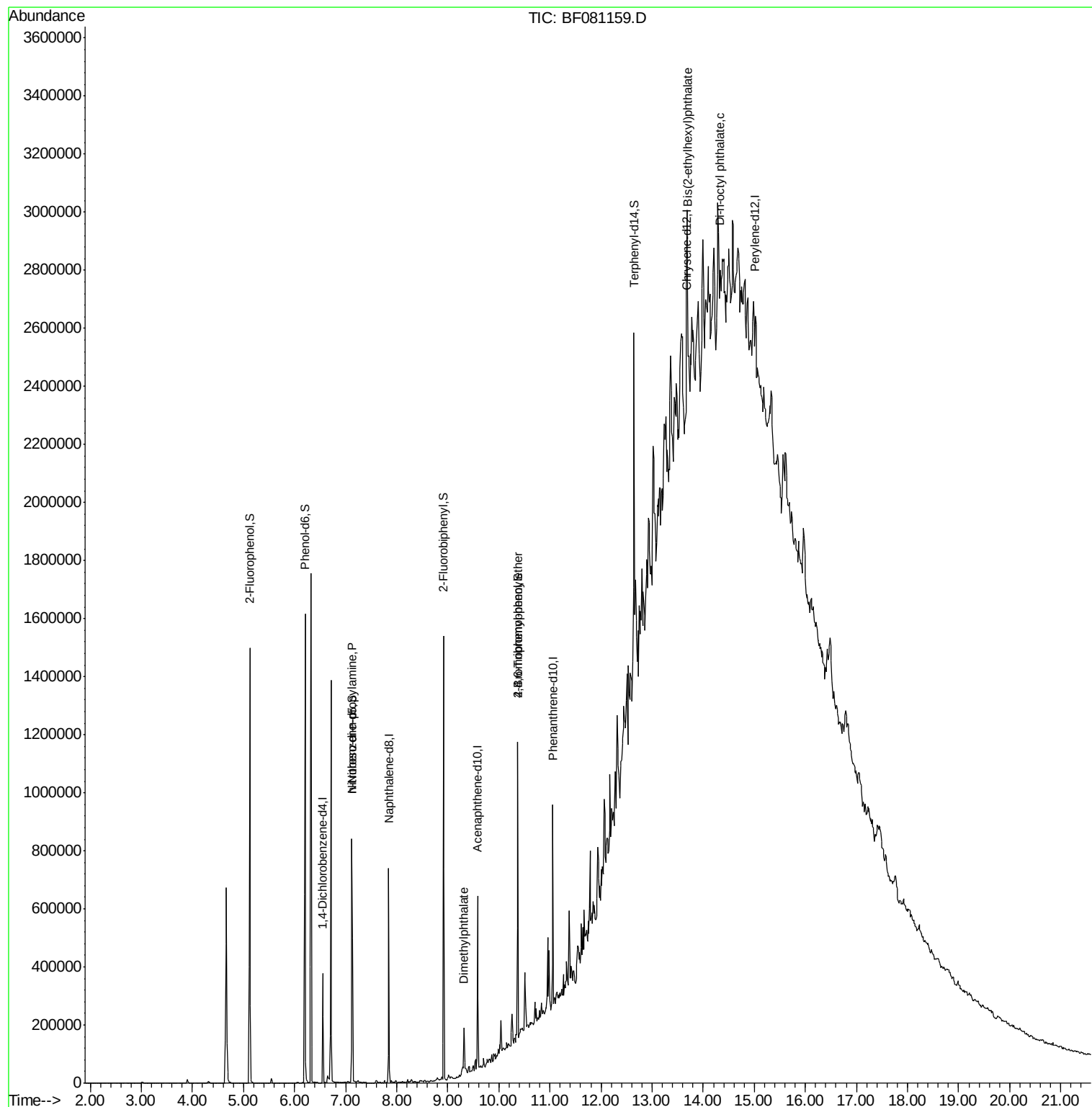
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	64885	20.00	ng	-0.01
21) Naphthalene-d8	7.84	136	281361	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	117268	20.00	ng	-0.01
63) Phenanthrene-d10	11.05	188	240109	20.00	ng	0.00
75) Chrysene-d12	13.68	240	128118	20.00	ng	0.01
86) Perylene-d12	15.02	264	108849	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	378895	87.83	ng	0.01
7) Phenol-d6	6.21	99	537468	95.49	ng	0.00
23) Nitrobenzene-d5	7.12	82	334783	54.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	88654	87.21	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	542147	60.58	ng	-0.01
78) Terphenyl-d14	12.64	244	413812	69.24	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.12	70	43529	11.16	ng	# 73
49) Dimethylphthalate	9.32	163	47091	4.88	ng	99
66) 4-Bromophenyl-phenylether	10.37	248	7263	3.08	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.69	149	106716	18.61	ng	99
84) Di-n-octyl phthalate	14.33	149	22148	2.54	ng	# 60

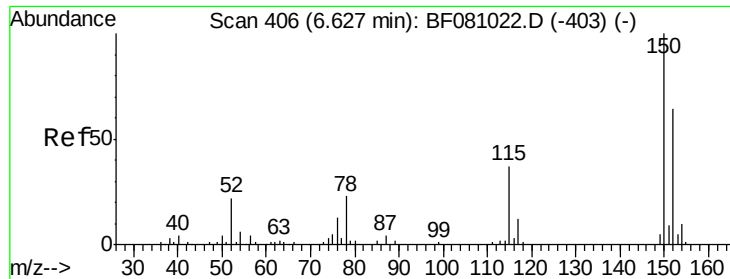
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 21 23:26:22 2015
Response via : Initial Calibration



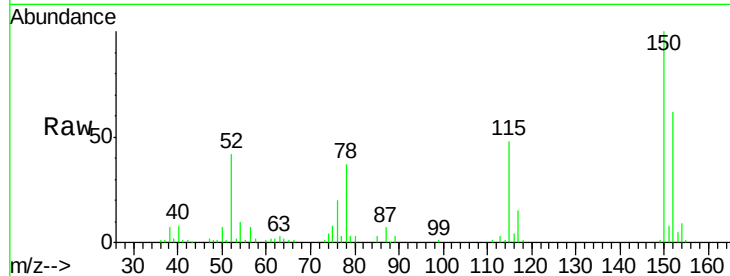


#1

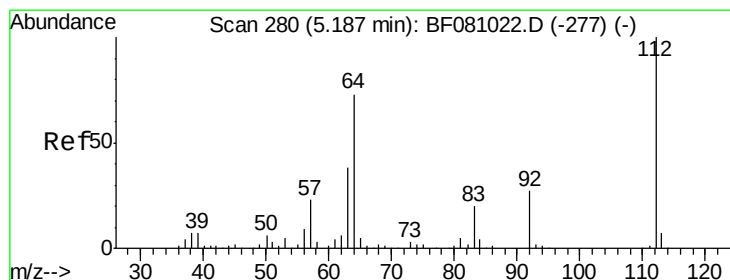
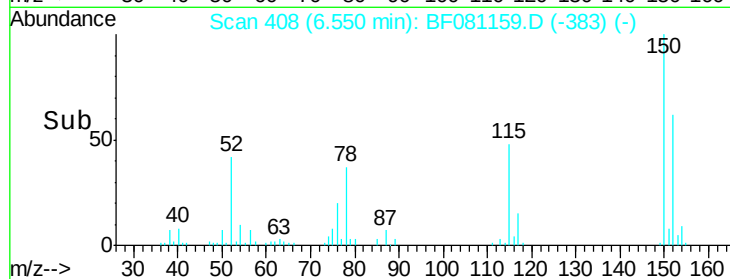
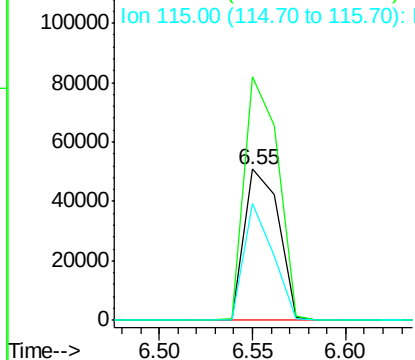
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF081159.D
Acq: 21 Aug 2015 22:21

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 64885
Ion Ratio Lower Upper
152 100
150 161.3 123.8 185.6
115 77.5 52.1 78.1



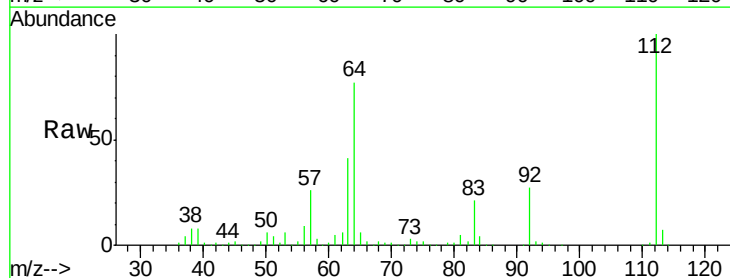
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



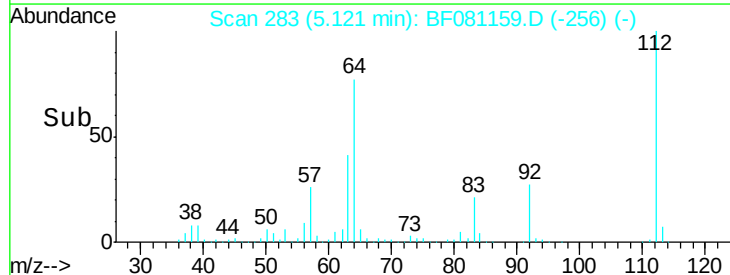
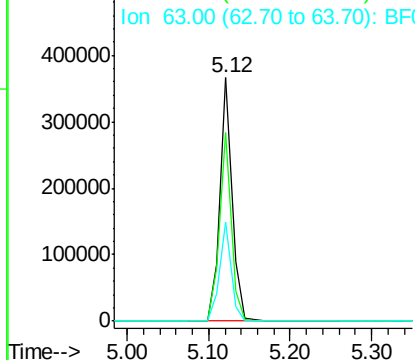
#5

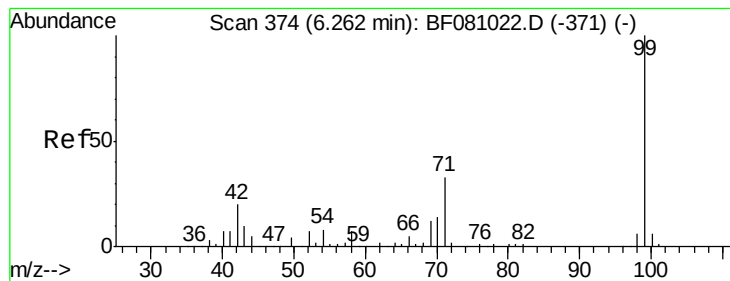
2-Fluorophenol
Concen: 87.83 ng
RT: 5.12 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF081159.D
Acq: 21 Aug 2015 22:21

Tgt Ion:112 Resp: 378895
Ion Ratio Lower Upper
112 100
64 77.3 66.9 100.3
63 40.6 38.1 57.1



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: 95.49 ng

RT: 6.21 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

Instrument :

BNA_F

ClientSampleId :

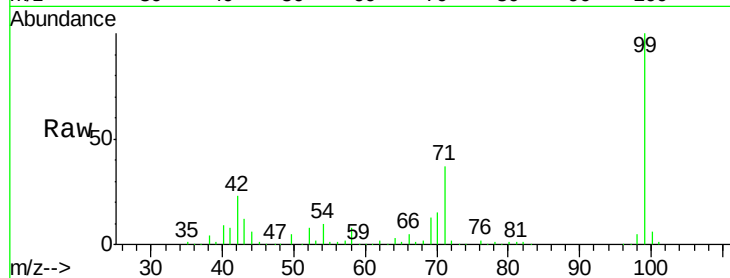
Tot Ion: 99 Resp: 537468

Ion Ratio Lower Upper

99 100

42 22.8 19.6 29.4

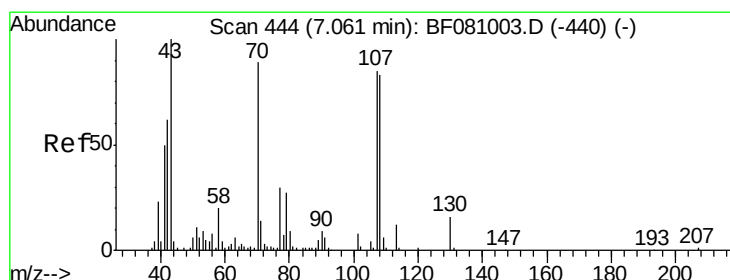
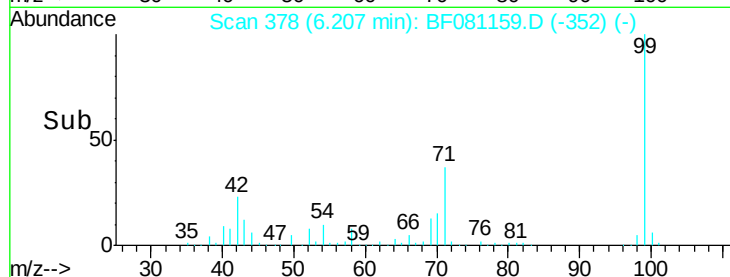
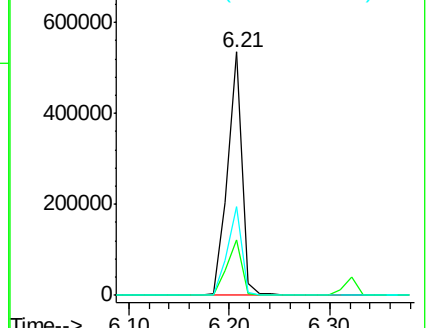
71 36.6 31.2 46.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.16 ng

RT: 7.12 min Scan# 458

Delta R.T. 0.13 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

Tgt Ion: 70 Resp: 43529

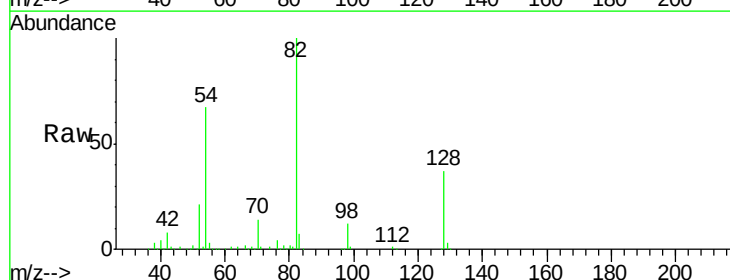
Ion Ratio Lower Upper

70 100

42 57.7 65.0 97.4#

101 0.0 7.4 11.2#

130 1.9 13.0 19.4#

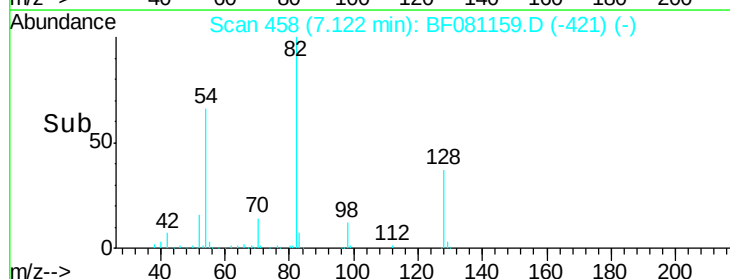
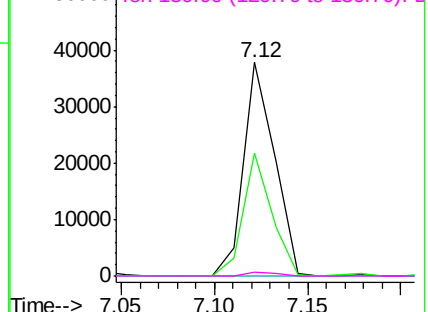


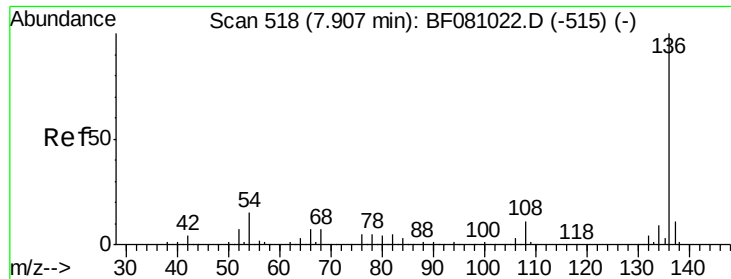
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

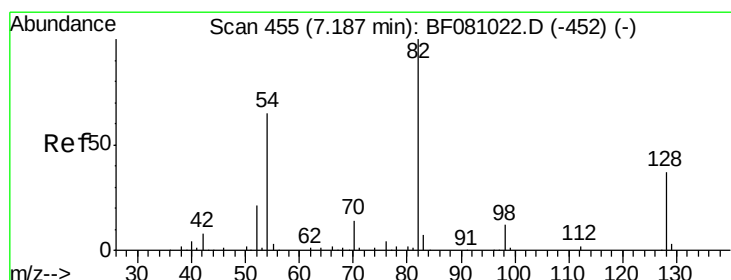
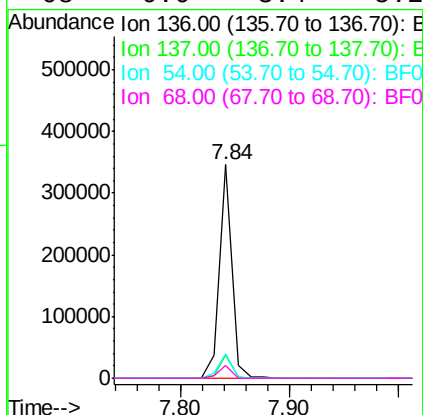
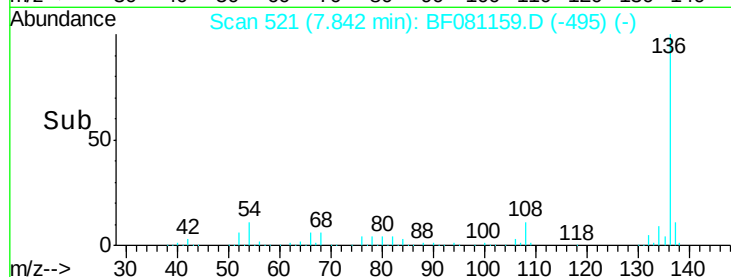
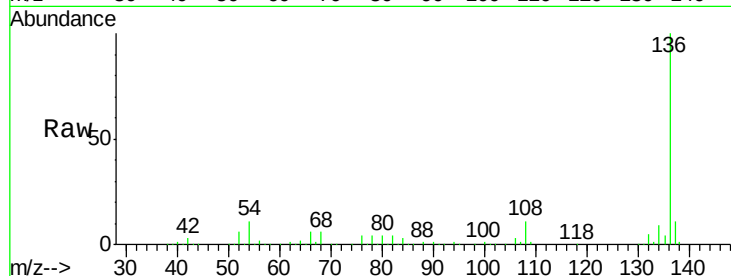




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 521
Delta R.T. -0.00 min
Lab File: BF081159.D
Acq: 21 Aug 2015 22:21

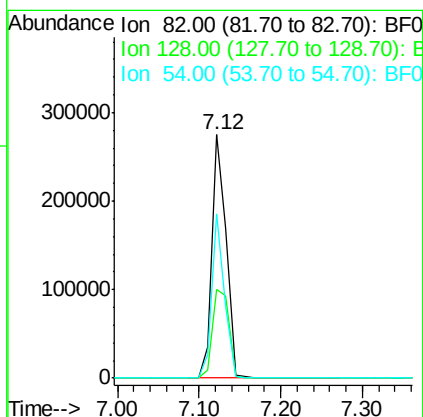
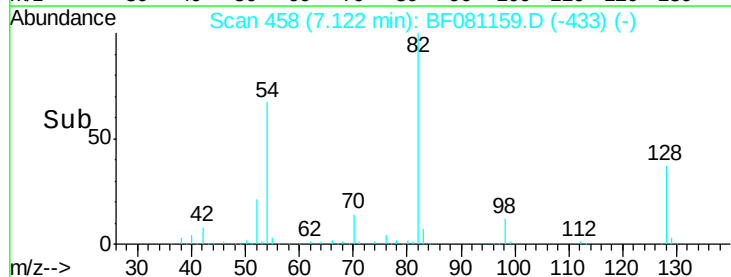
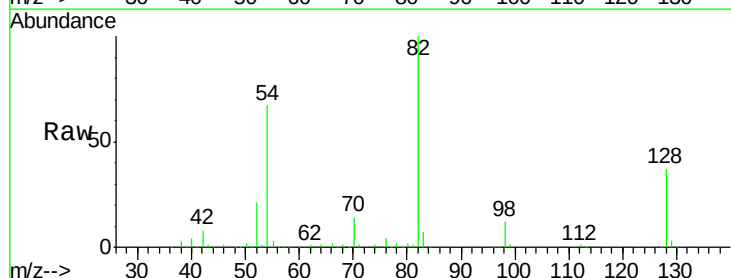
Instrument :
BNA_F
ClientSampleId :

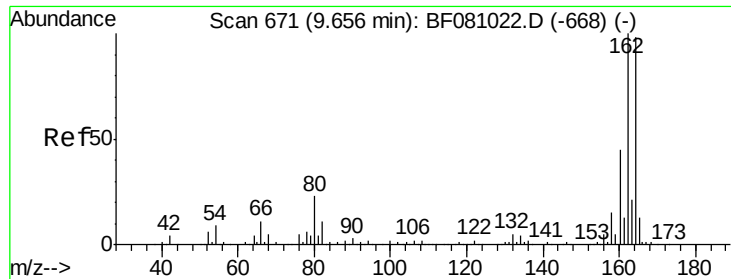
Tot Ion:	136	Resp:	281361
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.2	12.2
54	11.2	7.7	11.5
68	6.0	3.4	5.2#



#23
Nitrobenzene-d5
Concen: 54.35 ng
RT: 7.12 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF081159.D
Acq: 21 Aug 2015 22:21

Tgt Ion:	82	Resp:	334783
Ion Ratio	Lower	Upper	
82	100		
128	36.6	28.6	42.8
54	67.2	55.1	82.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

Instrument :

BNA_F

ClientSampleId :

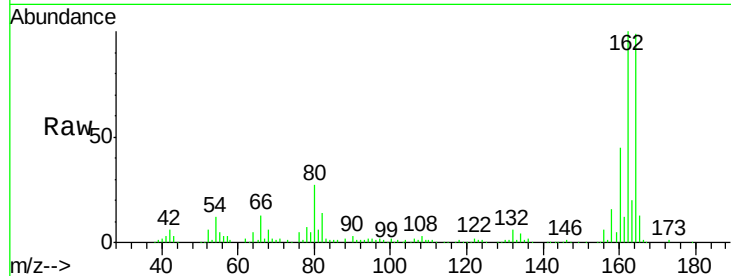
Tot Ion:164 Resp: 117268

Ion Ratio Lower Upper

164 100

162 100.9 83.8 125.8

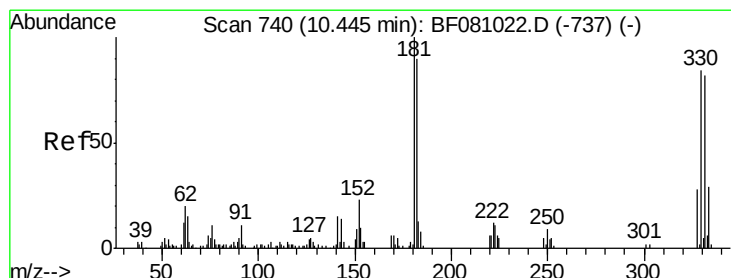
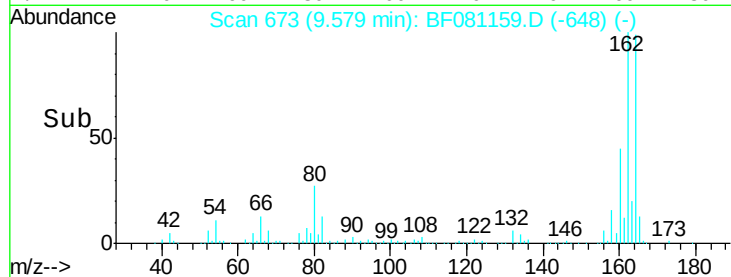
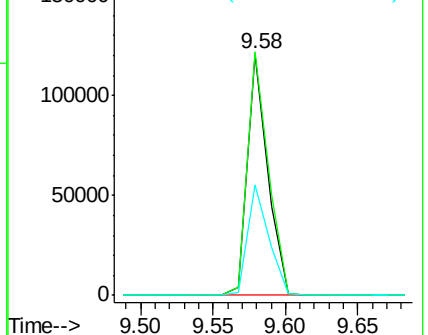
160 45.9 39.8 59.8



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: 87.21 ng

RT: 10.37 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

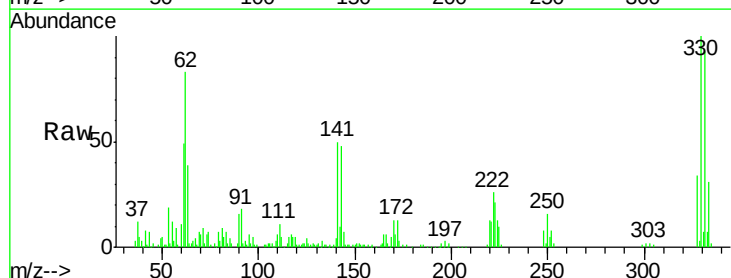
Tgt Ion:330 Resp: 88654

Ion Ratio Lower Upper

330 100

332 94.1 77.3 115.9

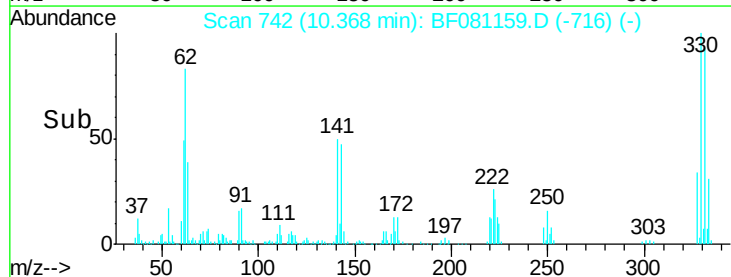
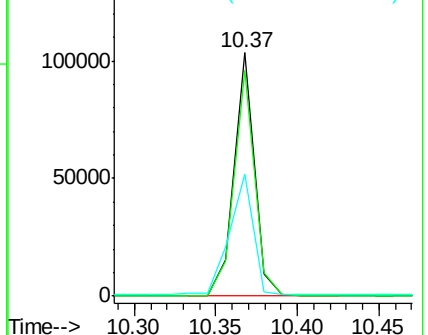
141 57.9 44.9 67.3

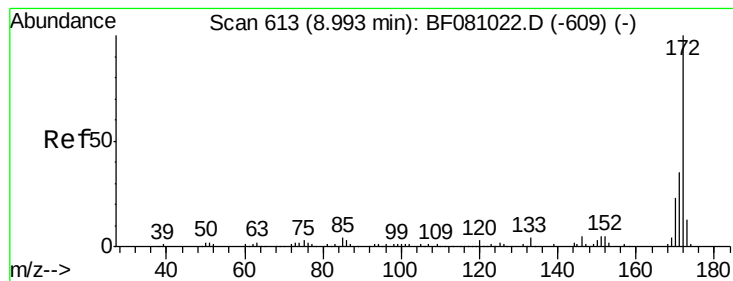


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 60.58 ng

RT: 8.92 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

Instrument :

BNA_F

ClientSampleId :

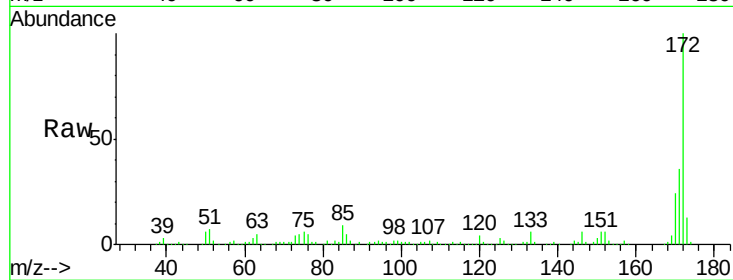
Tot Ion:172 Resp: 542147

Ion Ratio Lower Upper

172 100

171 35.7 28.9 43.3

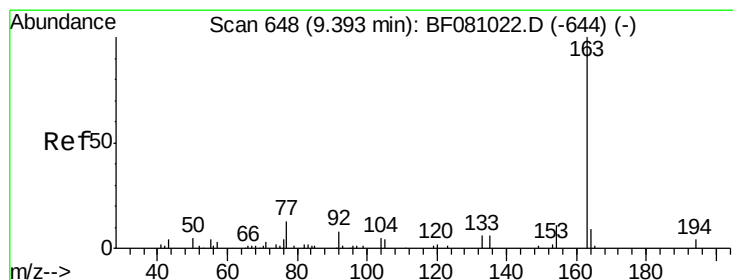
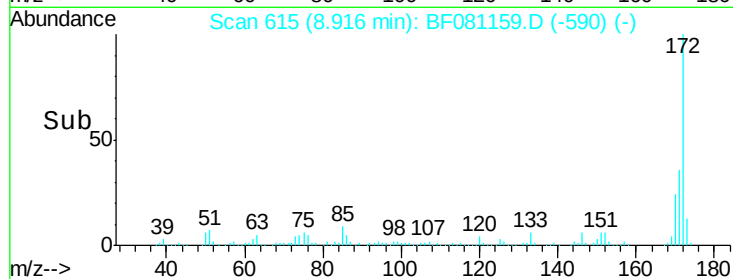
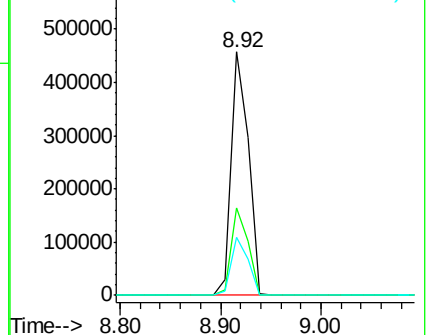
170 23.9 19.4 29.2



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: 4.88 ng

RT: 9.32 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

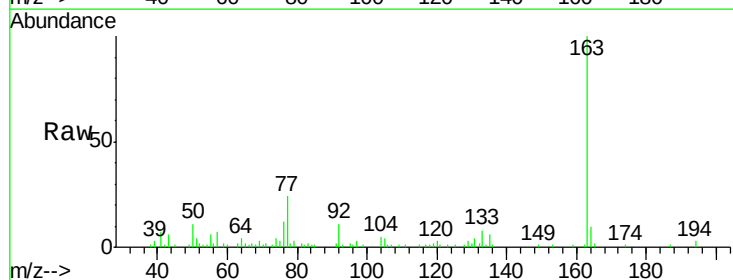
Tgt Ion:163 Resp: 47091

Ion Ratio Lower Upper

163 100

194 2.8 2.5 3.7

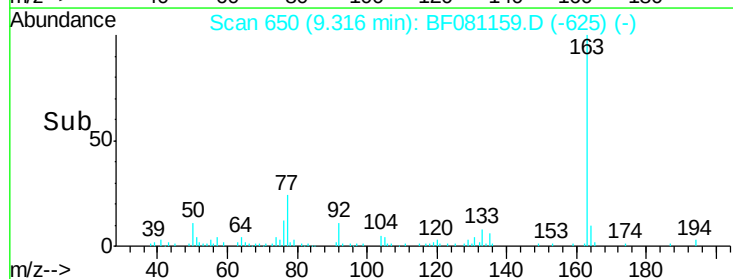
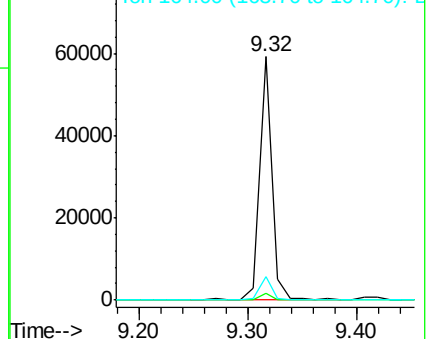
164 9.9 8.1 12.1

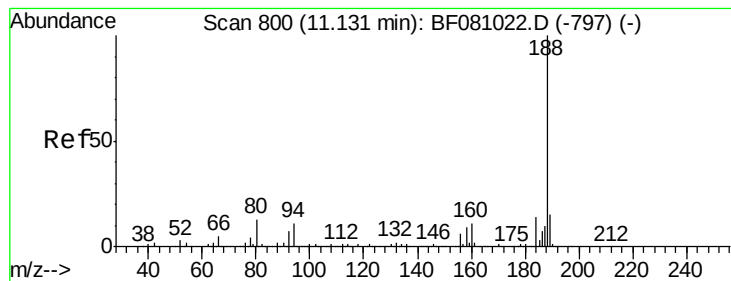


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

Instrument :

BNA_F

ClientSampleId :

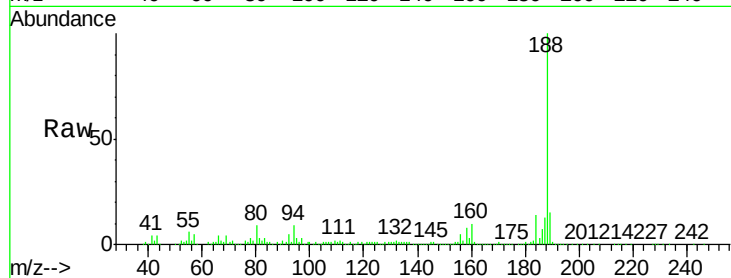
Tot Ion:188 Resp: 240109

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

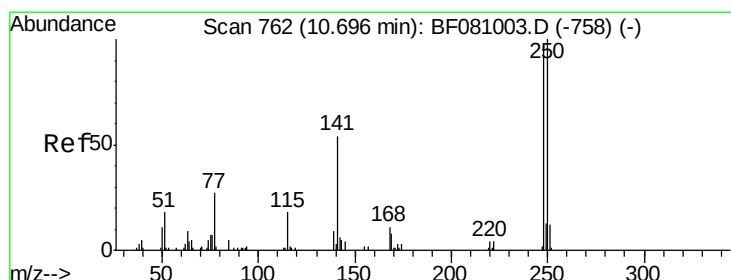
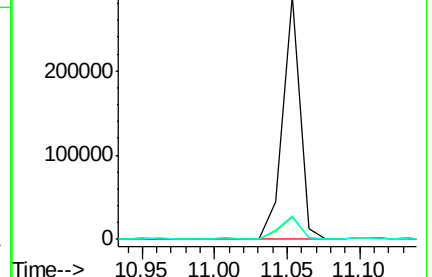
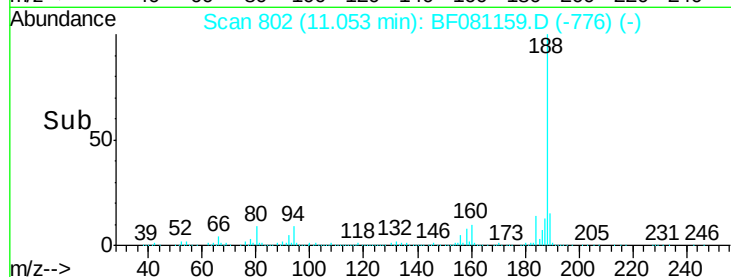
80 9.4 9.5 14.3#



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: 3.08 ng

RT: 10.37 min Scan# 742

Delta R.T. -0.24 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

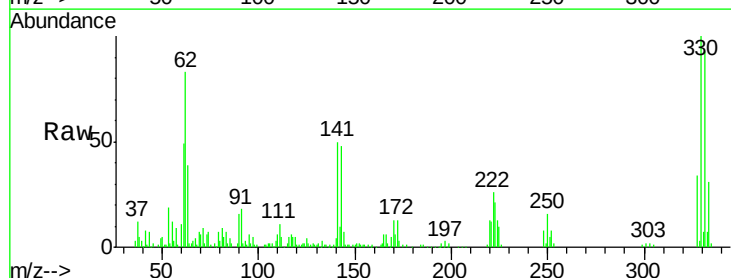
Tgt Ion:248 Resp: 7263

Ion Ratio Lower Upper

248 100

250 205.6 77.8 116.6#

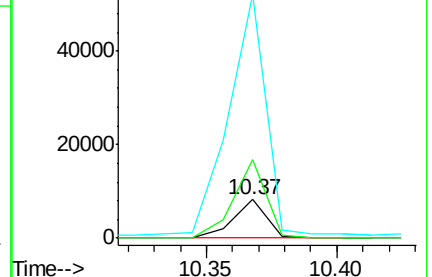
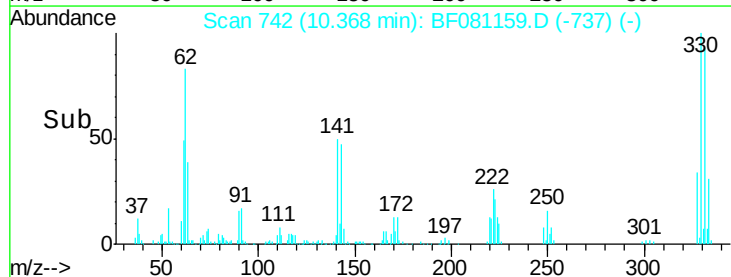
141 633.6 39.8 59.6#

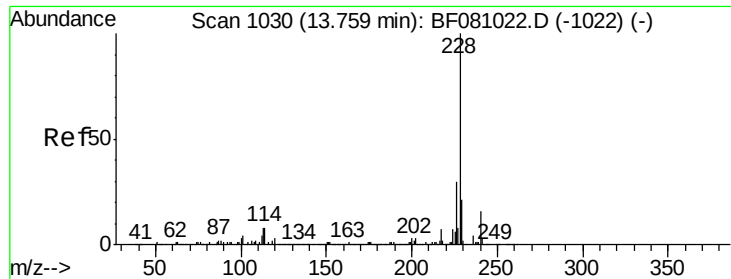


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.68 min Scan# 1032

Delta R.T. 0.01 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

Instrument :

BNA_F

ClientSampled :

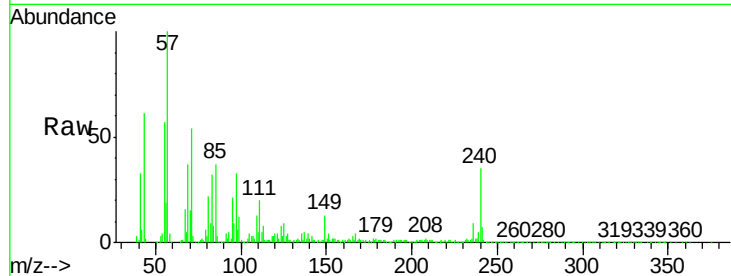
Tot Ion:240 Resp: 128118

Ion Ratio Lower Upper

240 100

120 10.1 5.6 8.4#

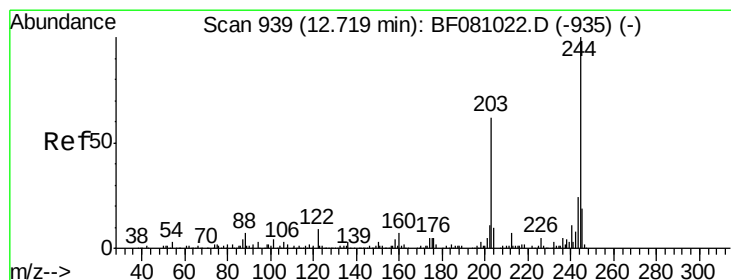
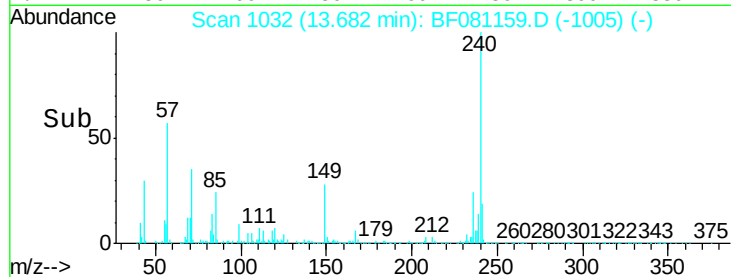
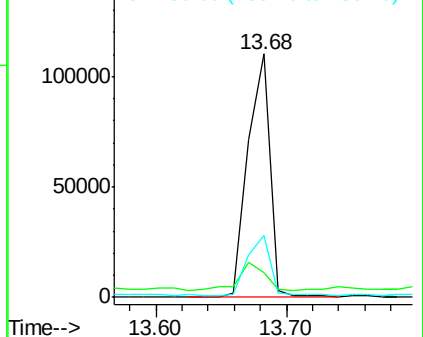
236 25.3 20.6 30.8



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: 69.24 ng

RT: 12.64 min Scan# 941

Delta R.T. 0.01 min

Lab File: BF081159.D

Acq: 21 Aug 2015 22:21

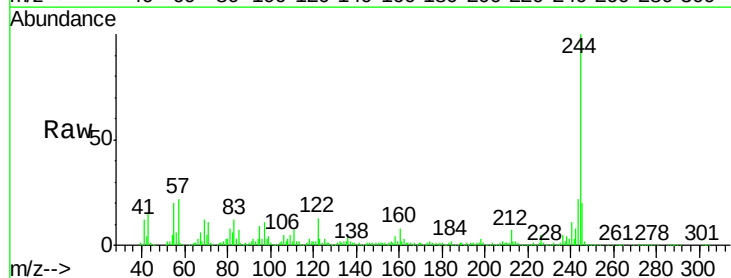
Tgt Ion:244 Resp: 413812

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

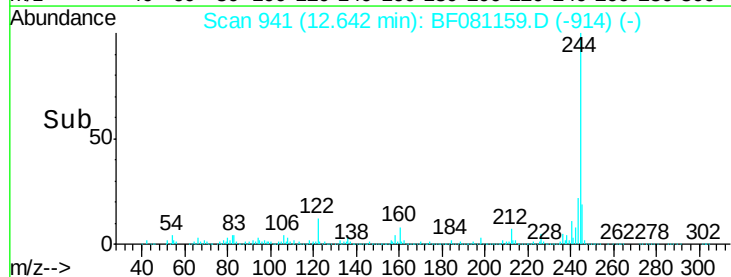
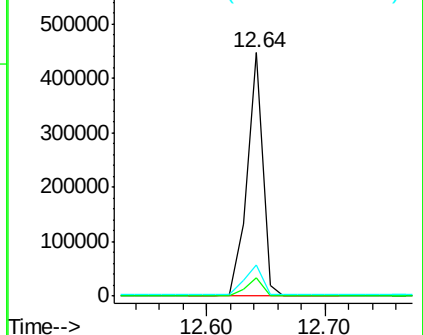
122 12.7 8.2 12.4#

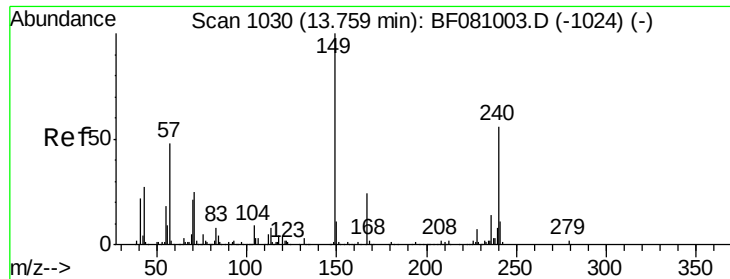


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

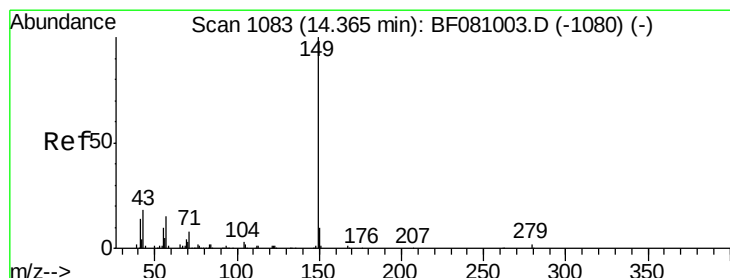
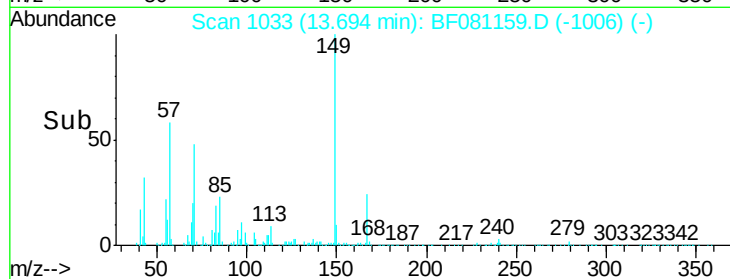
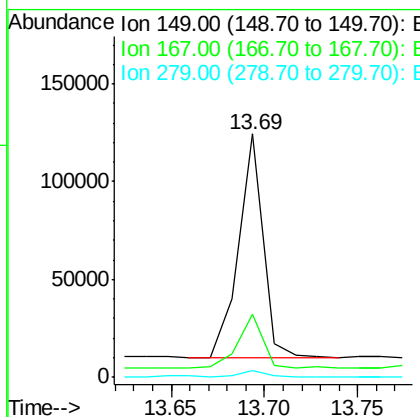
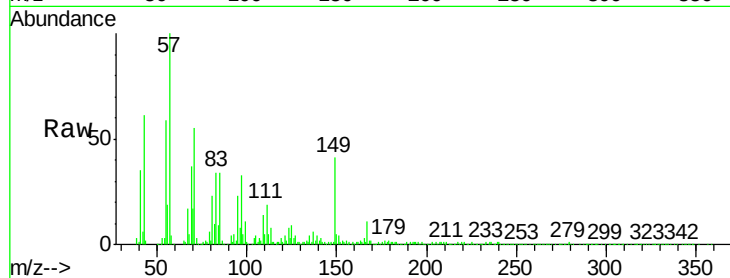




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 18.61 ng
 RT: 13.69 min Scan# 1033
 Delta R.T. 0.01 min
 Lab File: BF081159.D
 Acq: 21 Aug 2015 22:21

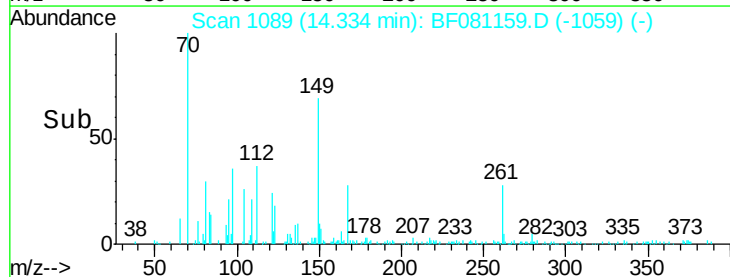
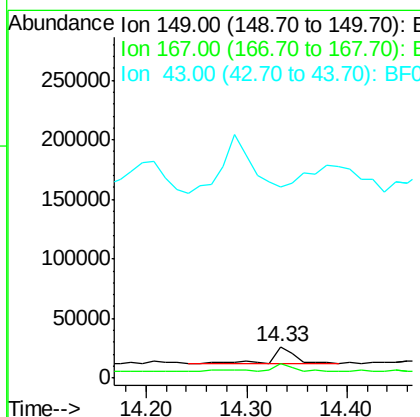
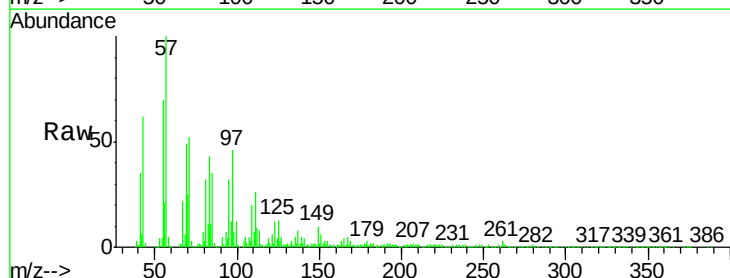
Instrument :
 BNA_F
 ClientSampleId :

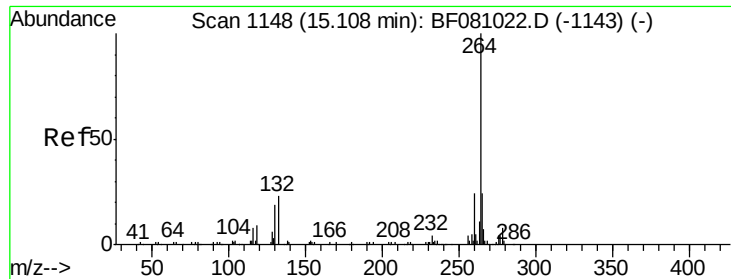
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.7	31.1
279	2.6	2.2	3.4



#84
 Di-n-octyl phthalate
 Concen: 2.54 ng
 RT: 14.33 min Scan# 1089
 Delta R.T. 0.05 min
 Lab File: BF081159.D
 Acq: 21 Aug 2015 22:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	35.4	1.1	1.7#
43	0.0	11.6	17.4#

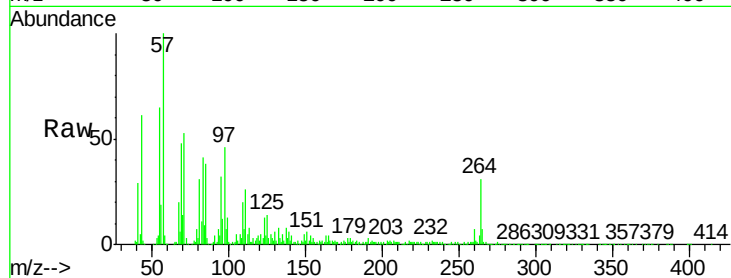




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1149
Delta R.T. 0.02 min
Lab File: BF081159.D
Acq: 21 Aug 2015 22:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	22.9	17.5	26.3



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

