

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040516\
 Data File : BF086086.D
 Acq On : 5 Apr 2016 21:00
 Operator : UM/SJ
 Sample : H2028-01RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W1DAY1RE

Quant Time: Apr 06 01:17:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

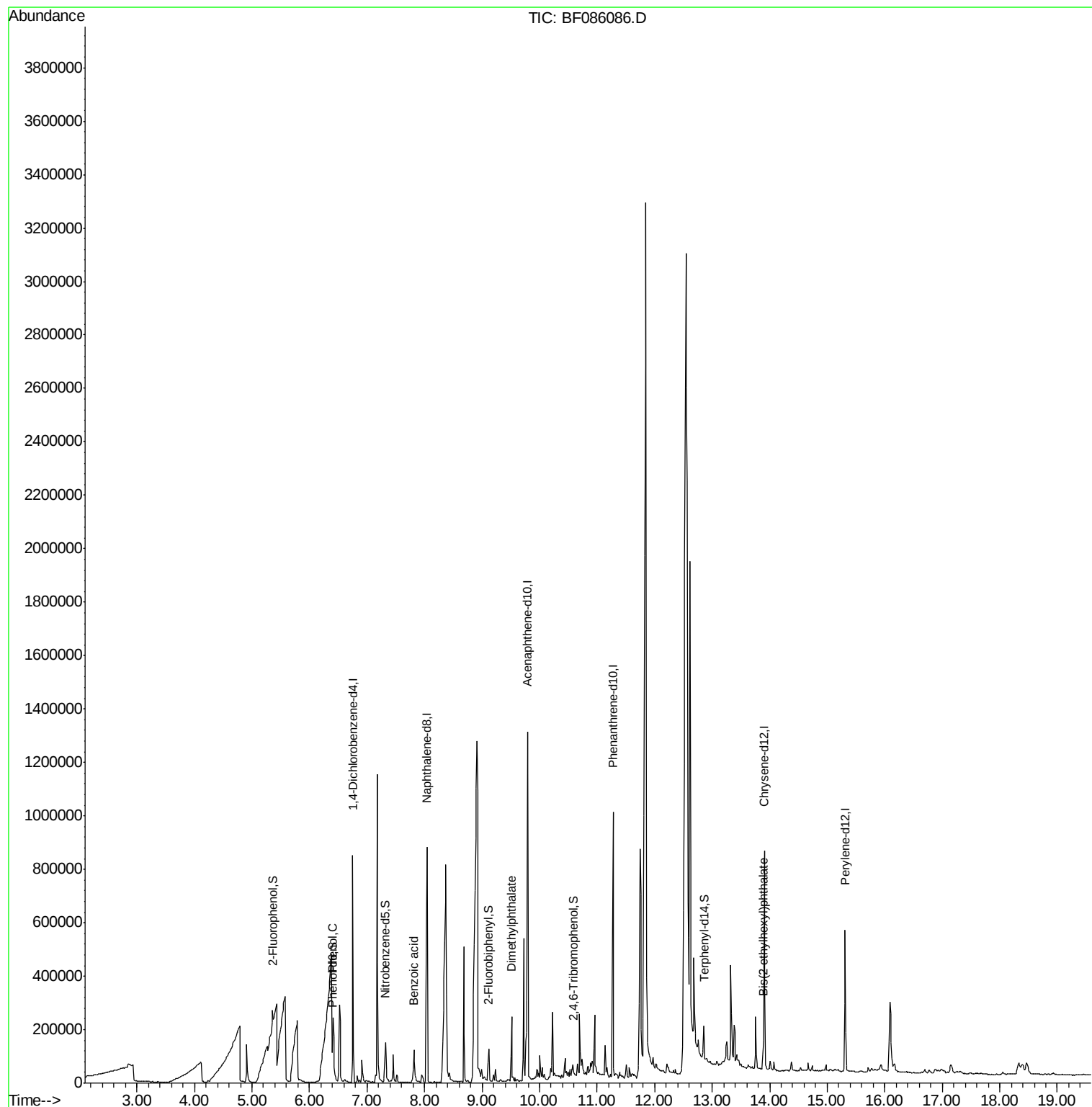
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	122154	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	488762	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	230406	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	427810	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	287944	20.00	ng	-0.02
86) Perylene-d12	15.31	264	236419	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	31612	4.42	ng	-0.01
7) Phenol-d6	6.40	99	43051	4.74	ng	-0.02
23) Nitrobenzene-d5	7.32	82	33299	4.02	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	4557	2.11	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	43908	3.17	ng	-0.02
78) Terphenyl-d14	12.85	244	31422	2.57	ng	-0.02
Target Compounds						
10) Phenol	6.41	94	113348	10.95	ng	Qvalue 98
32) Benzoic acid	7.81	122	30961	5.42	ng	97
49) Dimethylphthalate	9.52	163	97244	5.69	ng	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	26945	2.22	ng	# 96

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

Instrument :

BNA_F

ClientSampleId :

W1DAY1RE

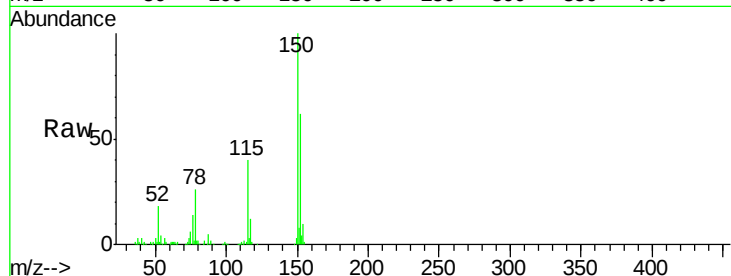
Tot Ion:152 Resp: 122154

Ion Ratio Lower Upper

152 100

150 161.0 124.2 186.2

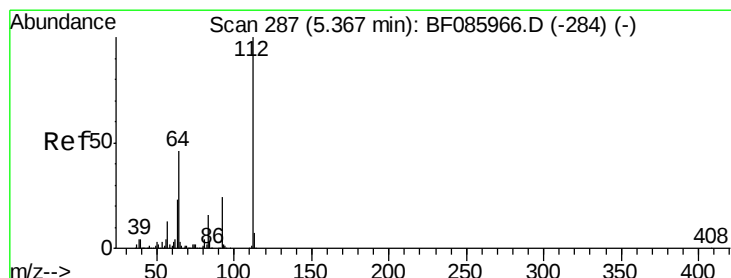
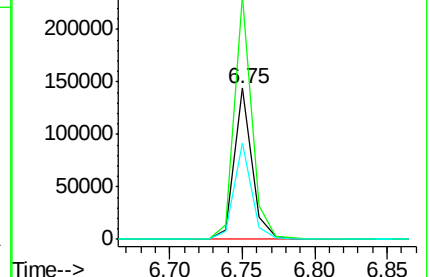
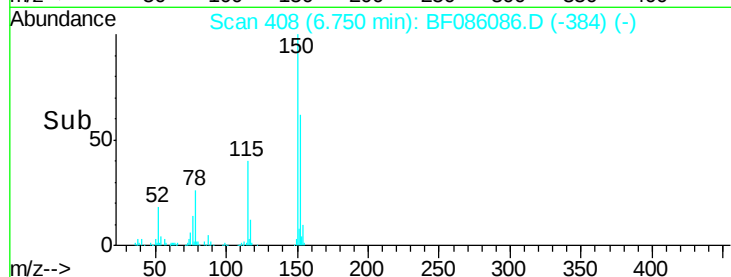
115 63.7 47.0 70.6



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: 4.42 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

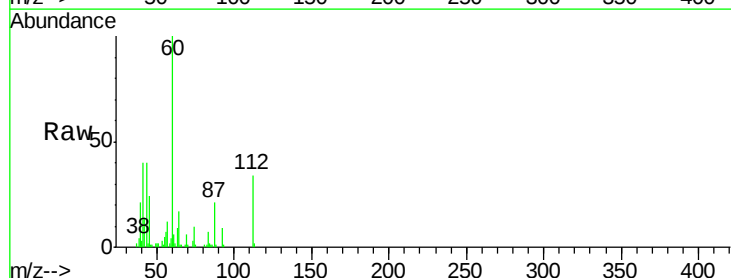
Tgt Ion:112 Resp: 31612

Ion Ratio Lower Upper

112 100

64 51.4 39.9 59.9

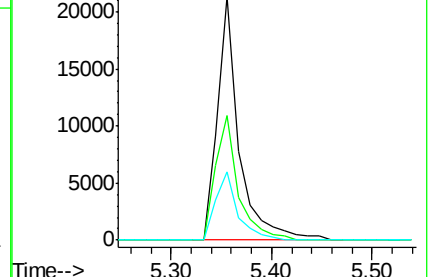
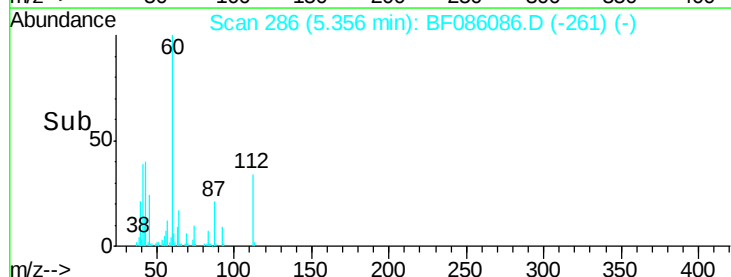
63 27.9 20.2 30.2



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: 4.74 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

Instrument :

BNA_F

ClientSampleId :

W1DAY1RE

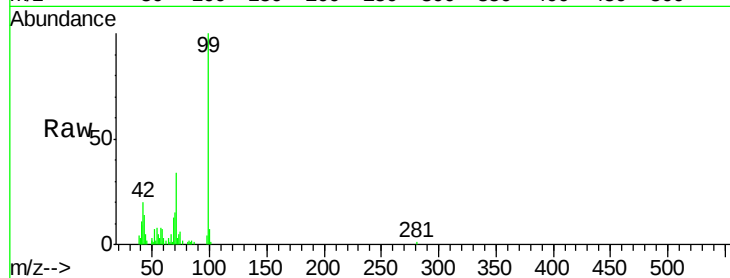
Tot Ion: 99 Resp: 43051

Ion Ratio Lower Upper

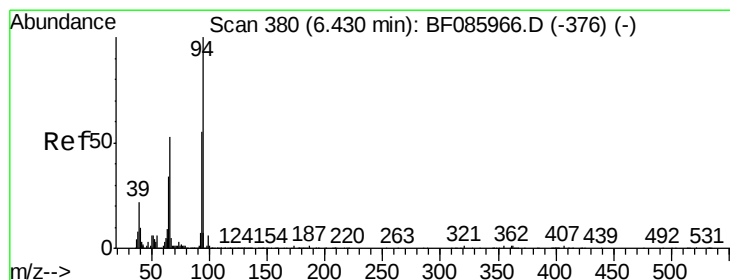
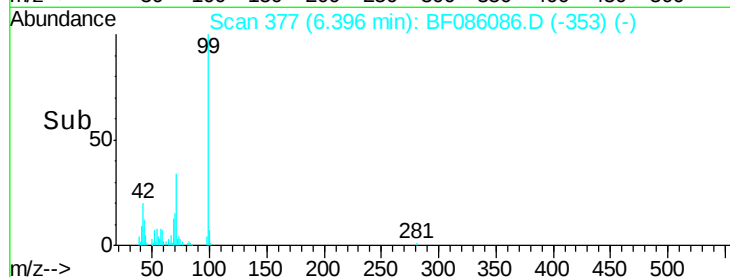
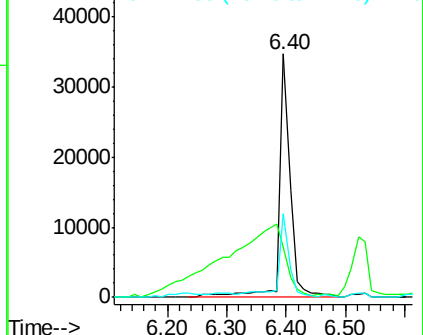
99 100

42 20.5 11.1 16.7#

71 34.4 24.9 37.3



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



#10

Phenol

Concen: 10.95 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

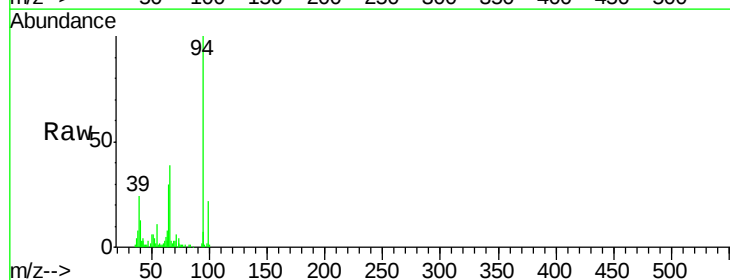
Tgt Ion: 94 Resp: 113348

Ion Ratio Lower Upper

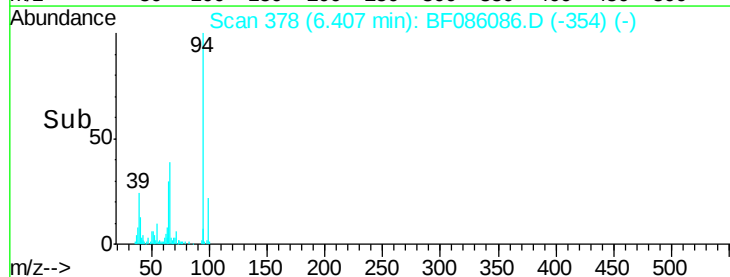
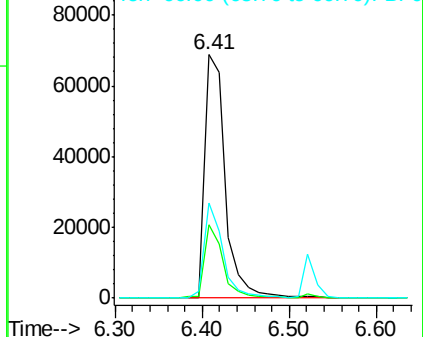
94 100

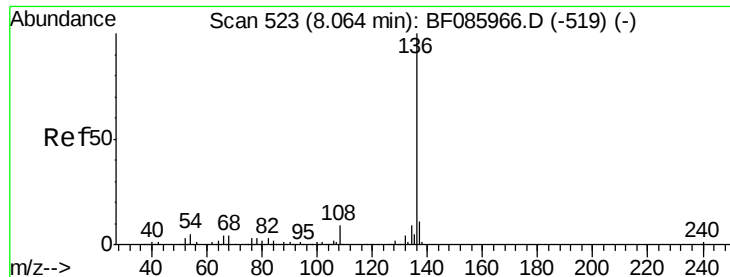
65 30.0 8.6 48.6

66 39.0 20.0 60.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

Instrument :

BNA_F

ClientSampleId :

W1DAY1RE

Tot Ion:136 Resp: 488762

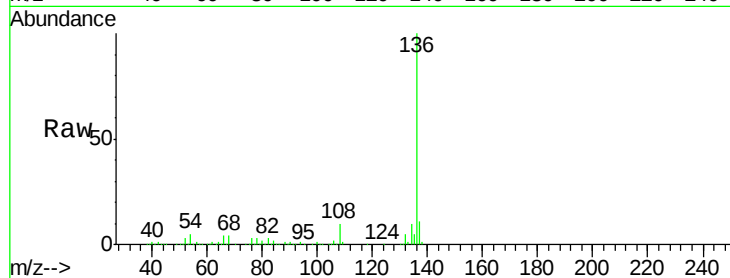
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 5.2 7.4 11.0#

68 4.4 5.8 8.8#

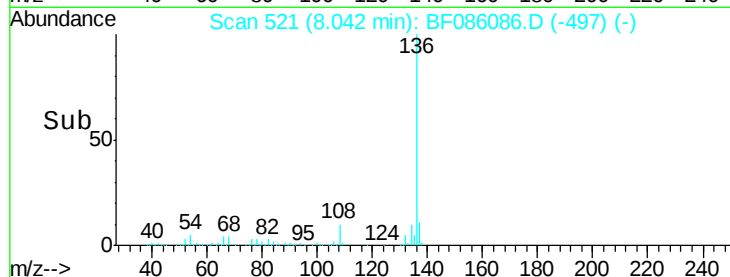


Abundance Ion 136.00 (135.70 to 136.70): E

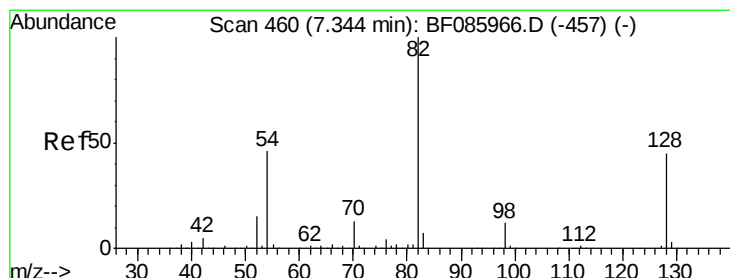
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 4.02 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

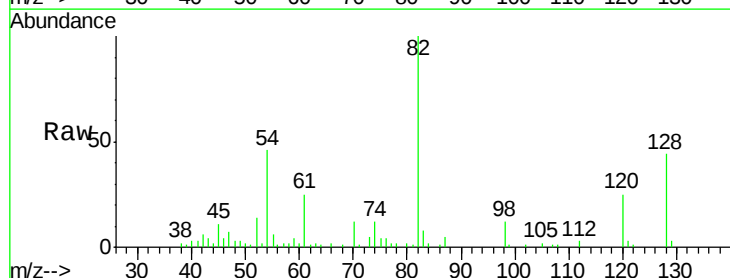
Tgt Ion: 82 Resp: 33299

Ion Ratio Lower Upper

82 100

128 44.4 41.8 62.8

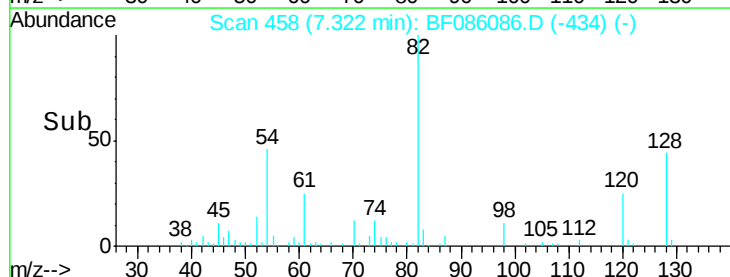
54 45.5 33.4 50.0



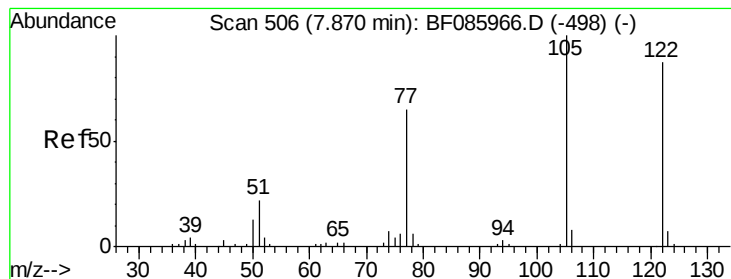
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#32

Benzoic acid

Concen: 5.42 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.06 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

Instrument :

BNA_F

ClientSampleId :

W1DAY1RE

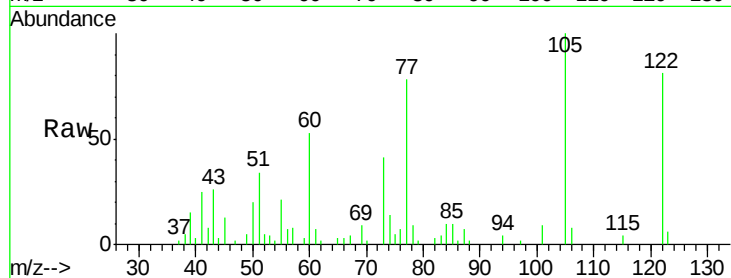
Tot Ion:122 Resp: 30961

Ion Ratio Lower Upper

122 100

105 124.0 102.9 142.9

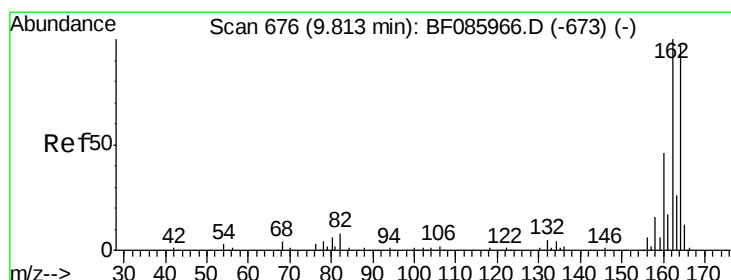
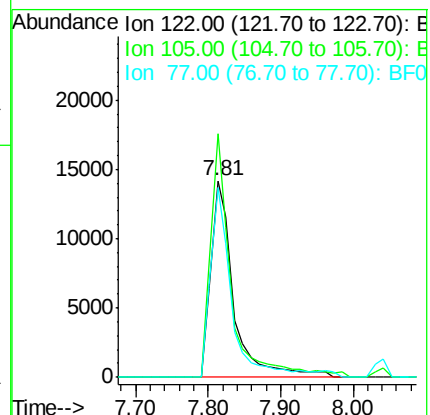
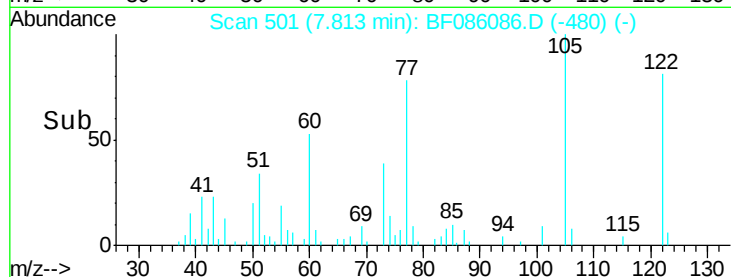
77 96.9 71.8 111.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.79 min Scan# 674

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

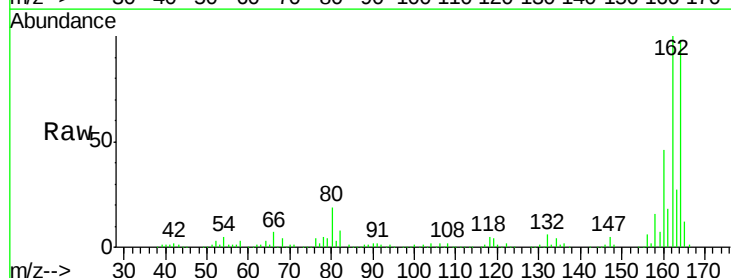
Tgt Ion:164 Resp: 230406

Ion Ratio Lower Upper

164 100

162 102.4 82.1 123.1

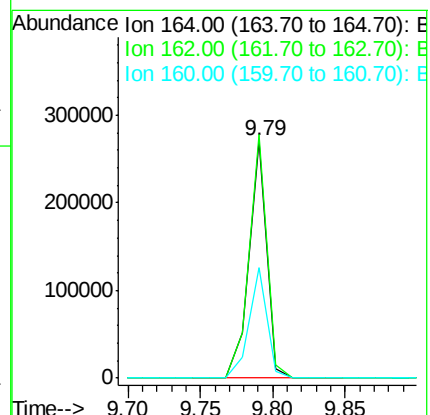
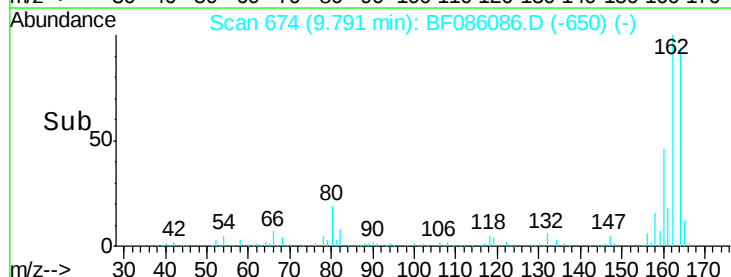
160 46.7 37.4 56.2

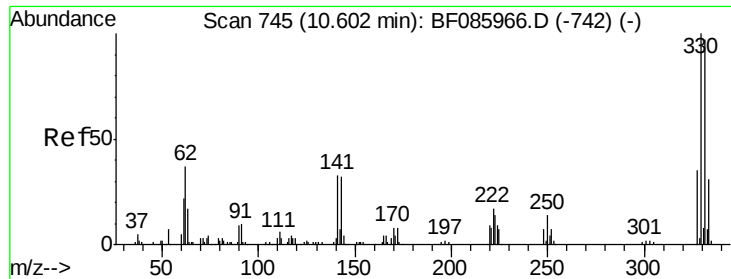


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

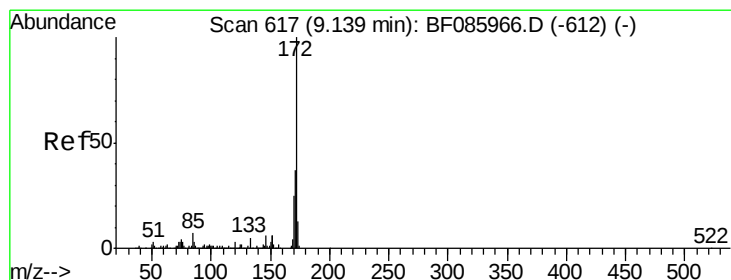
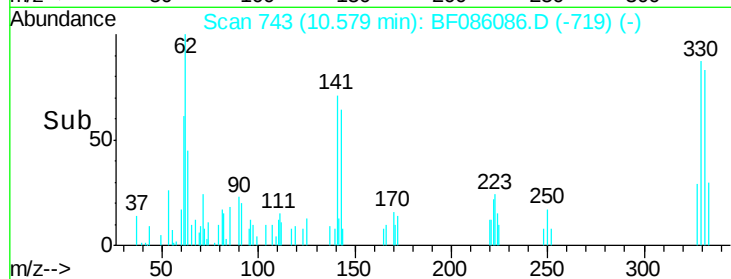
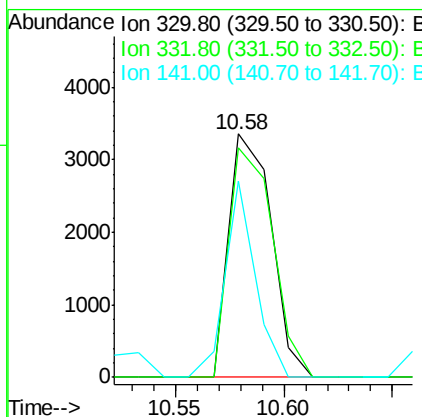
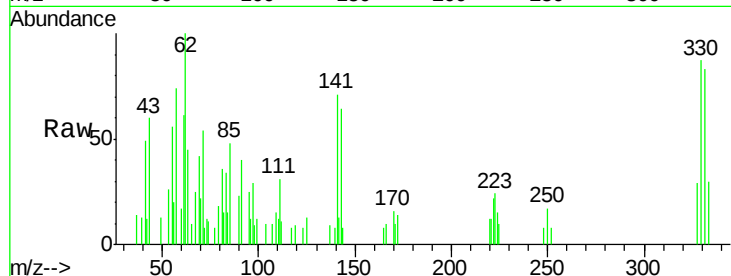




#41
 2,4,6-Tribromophenol
 Concen: 2.11 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086086.D
 Acq: 5 Apr 2016 21:00

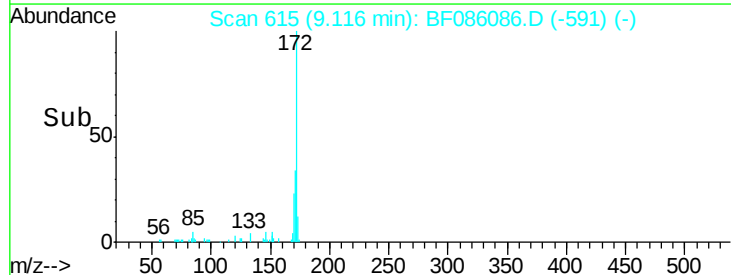
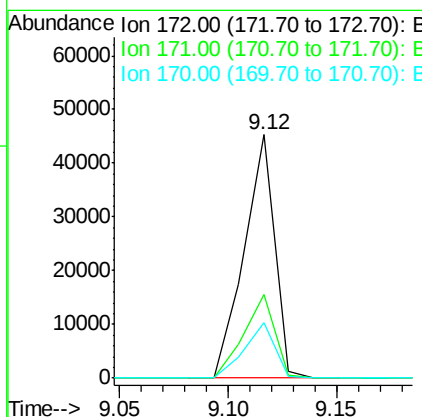
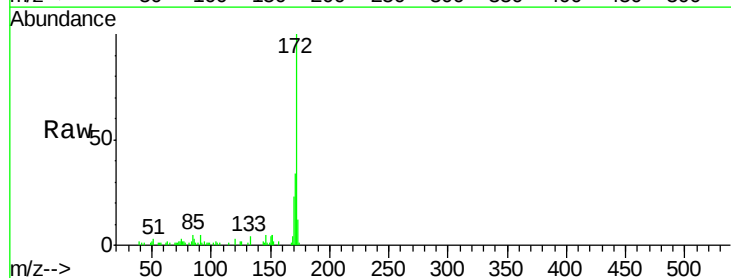
Instrument :
 BNA_F
 ClientSampleId :
 W1DAY1RE

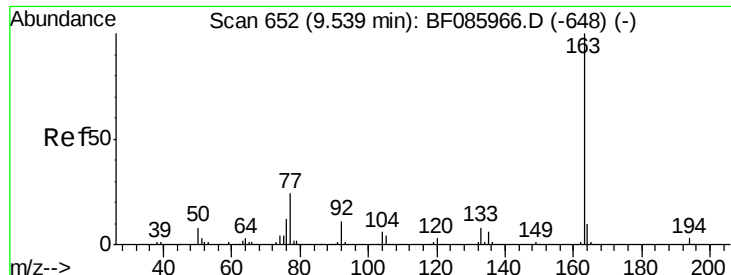
Tot Ion:330 Resp: 4557
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.2 117.2
 141 57.2 31.5 47.3#



#44
 2-Fluorobiphenyl
 Concen: 3.17 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF086086.D
 Acq: 5 Apr 2016 21:00

Tgt Ion:172 Resp: 43908
 Ion Ratio Lower Upper
 172 100
 171 34.3 29.4 44.2
 170 22.8 19.8 29.6

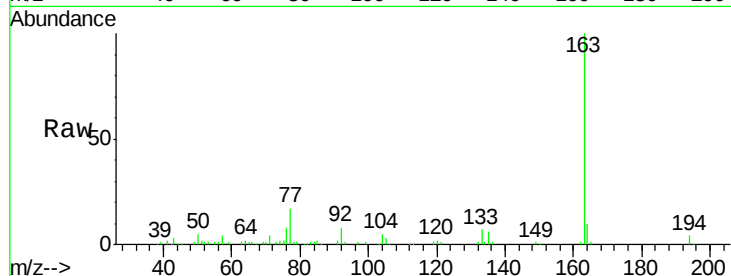




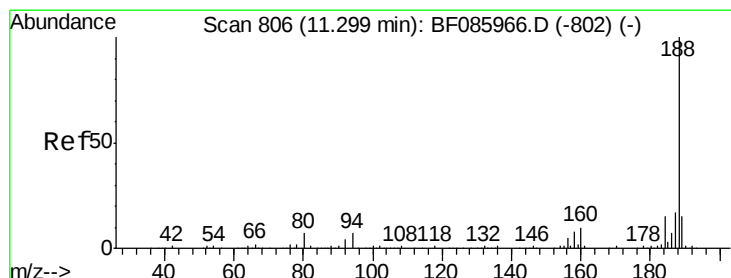
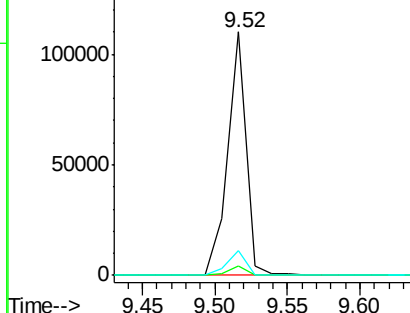
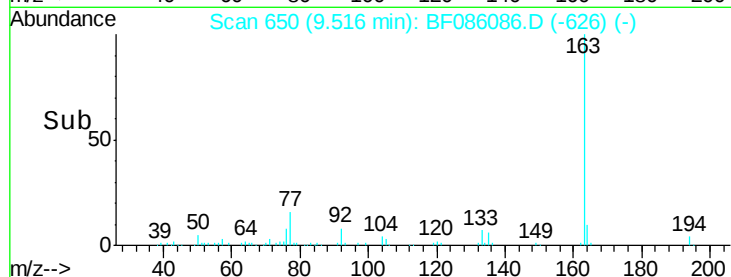
#49
Dimethylphthalate
Concen: 5.69 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF086086.D
Acq: 5 Apr 2016 21:00

Instrument :
BNA_F
ClientSampleId :
W1DAY1RE

Tot Ion:163 Resp: 97244
Ion Ratio Lower Upper
163 100
194 4.1 2.9 4.3
164 10.0 8.3 12.5

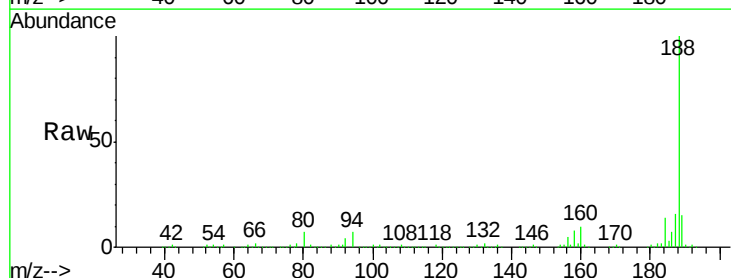


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

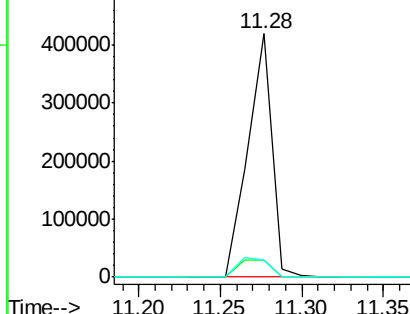
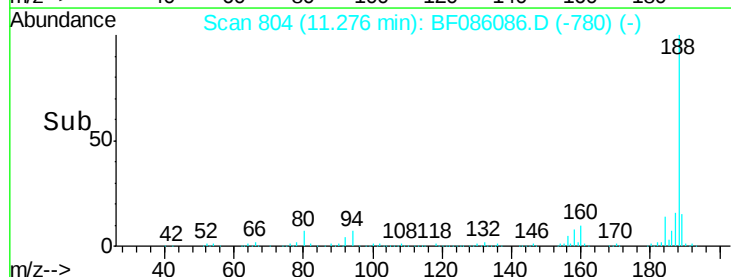


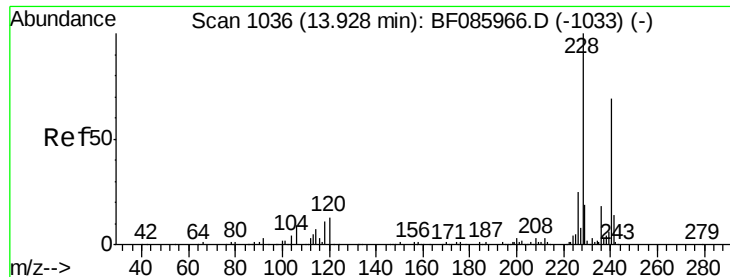
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086086.D
Acq: 5 Apr 2016 21:00

Tgt Ion:188 Resp: 427810
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.0
80 7.0 5.5 8.3



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

Instrument :

BNA_F

ClientSampleId :

W1DAY1RE

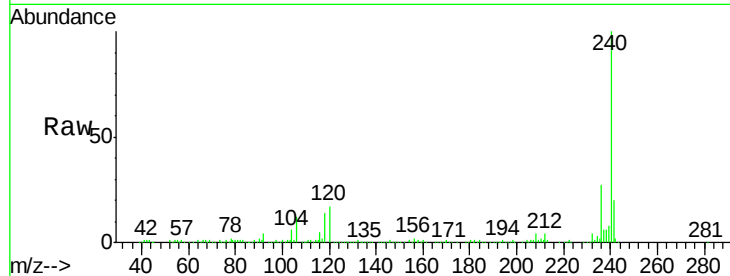
Tot Ion:240 Resp: 287944

Ion Ratio Lower Upper

240 100

120 16.7 13.8 20.8

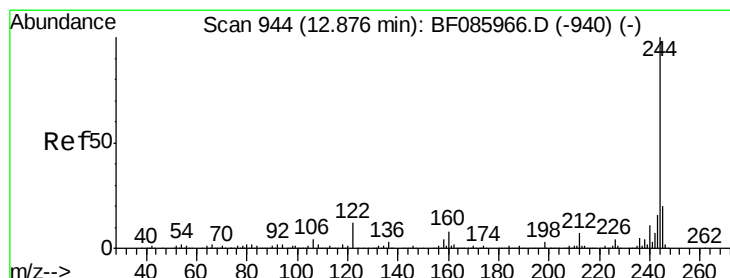
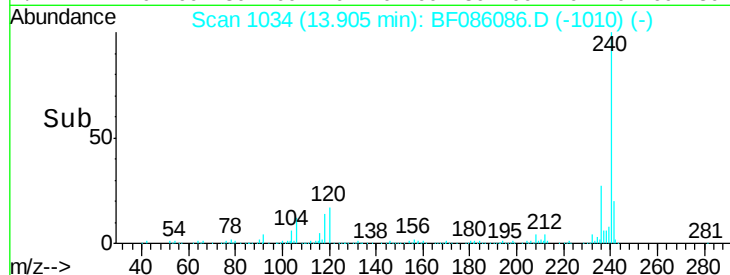
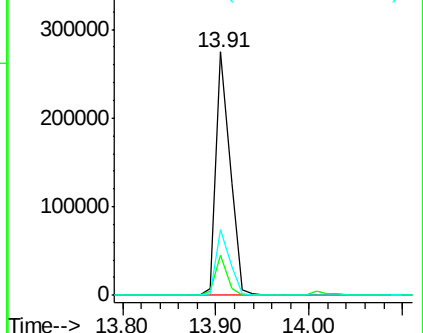
236 26.8 20.6 30.8



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: 2.57 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF086086.D

Acq: 5 Apr 2016 21:00

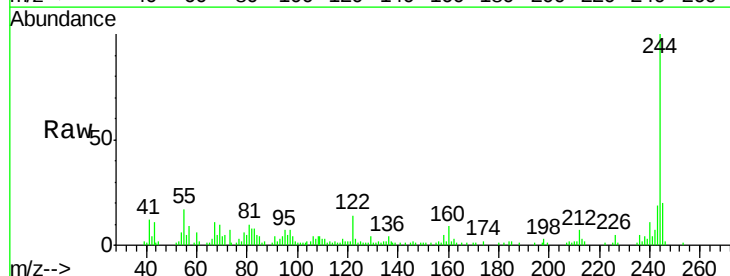
Tgt Ion:244 Resp: 31422

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

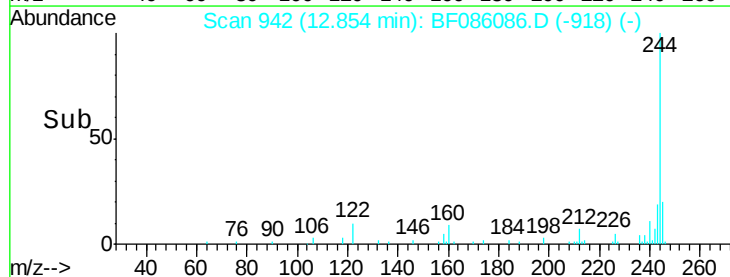
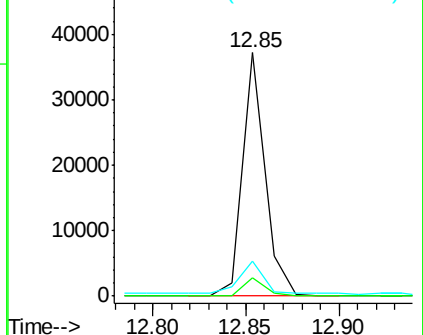
122 14.3 10.2 15.4

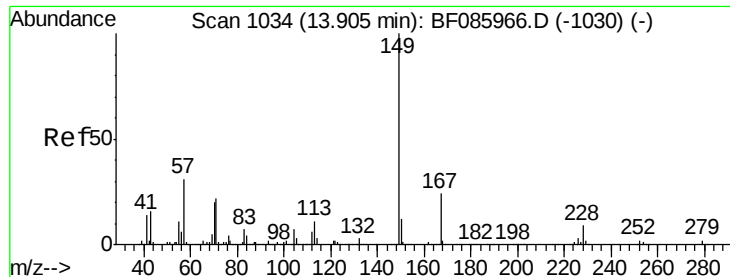


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

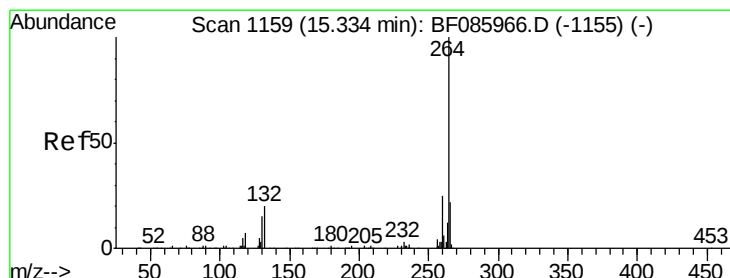
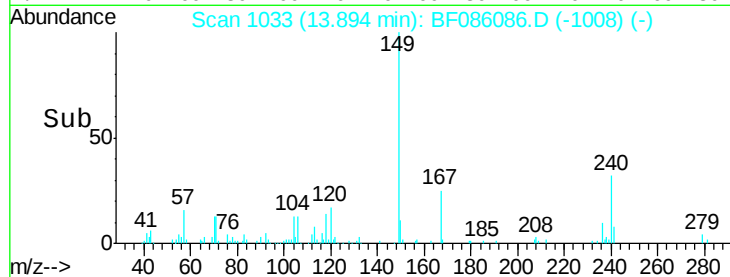
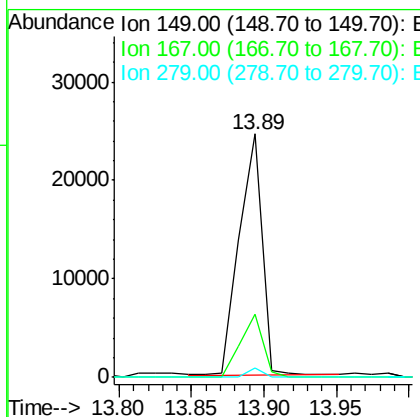
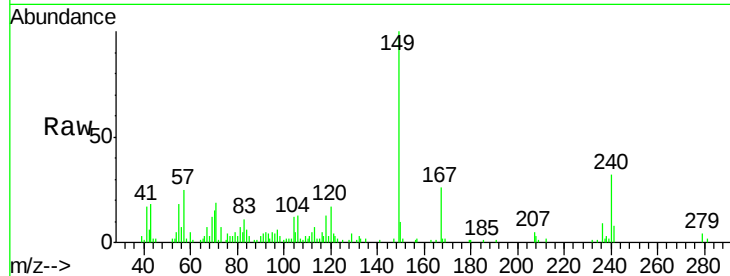




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.22 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BF086086.D
 Acq: 5 Apr 2016 21:00

Instrument :
 BNA_F
 ClientSampleId :
 W1DAY1RE

Tot Ion:149 Resp: 26945
 Ion Ratio Lower Upper
 149 100
 167 26.1 19.4 29.2
 279 3.9 1.5 2.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1157
 Delta R.T. -0.02 min
 Lab File: BF086086.D
 Acq: 5 Apr 2016 21:00

Tgt Ion:264 Resp: 236419
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.8 17.2 25.8

