

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040516\
 Data File : BF086087.D
 Acq On : 5 Apr 2016 21:28
 Operator : UM/SJ
 Sample : H2028-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W2DAY1RE

Quant Time: Apr 06 01:20:19 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

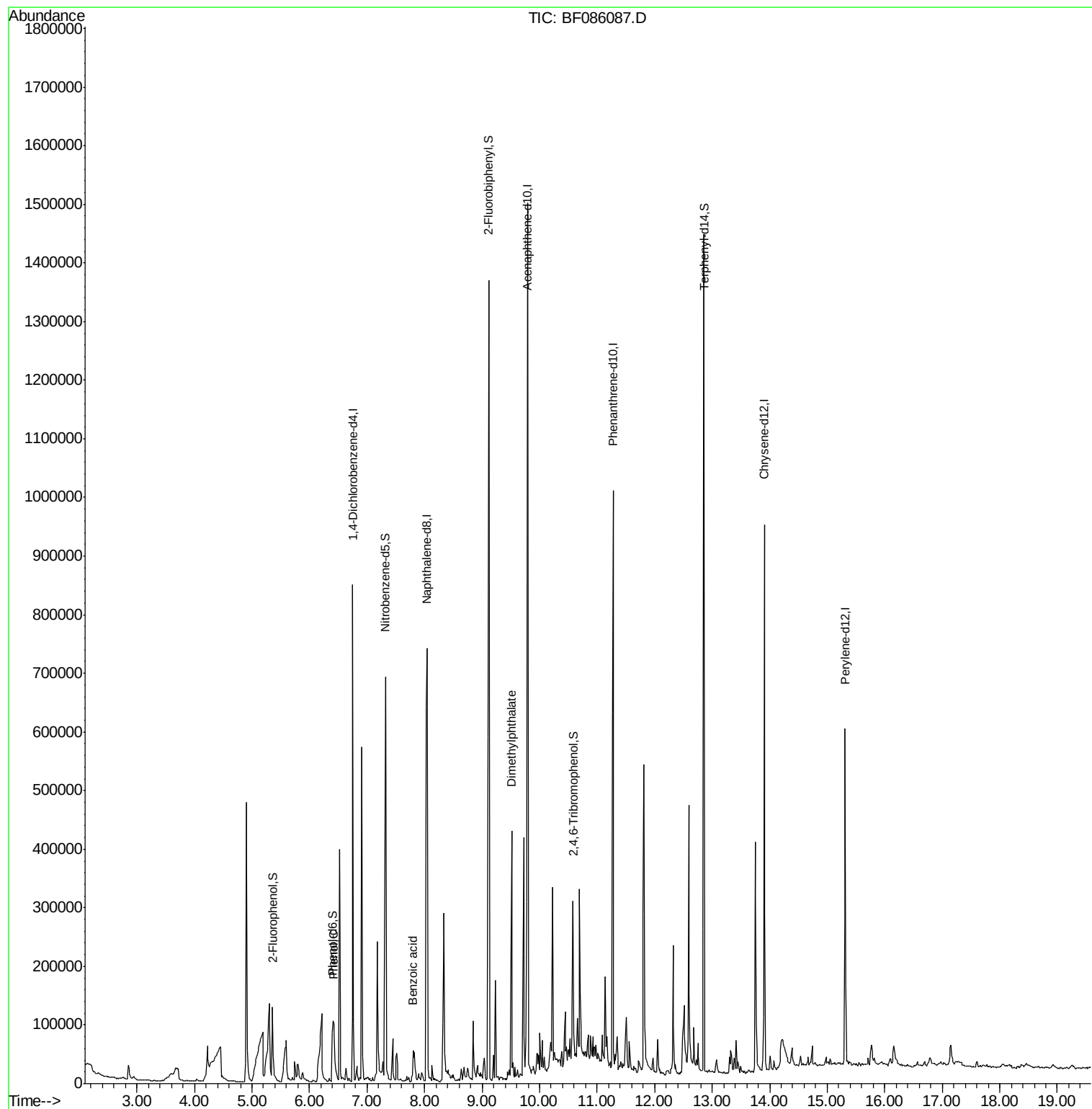
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	124031	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	487306	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	234057	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	447682	20.00	ng	-0.02
75) Chrysene-d12	13.91	240	317706	20.00	ng	-0.02
86) Perylene-d12	15.31	264	245317	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	61856	8.52	ng	-0.01
7) Phenol-d6	6.41	99	56652	6.15	ng	-0.01
23) Nitrobenzene-d5	7.32	82	269283	32.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	29416	13.39	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	468945	33.31	ng	-0.02
78) Terphenyl-d14	12.85	244	399616	29.57	ng	-0.02
Target Compounds						
10) Phenol	6.42	94	21965	2.09	ng	96
32) Benzoic acid	7.80	122	21403	3.76	ng	93
49) Dimethylphthalate	9.52	163	199754	11.51	ng	98

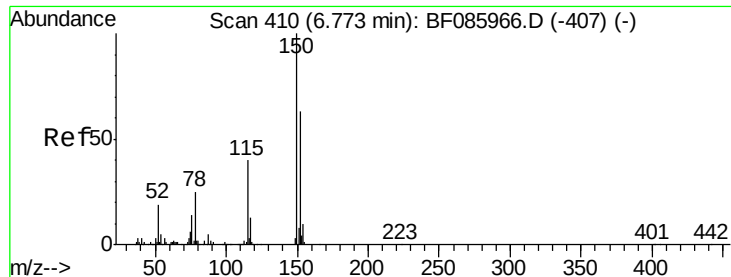
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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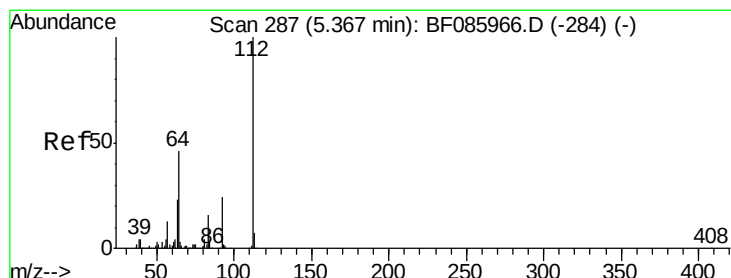
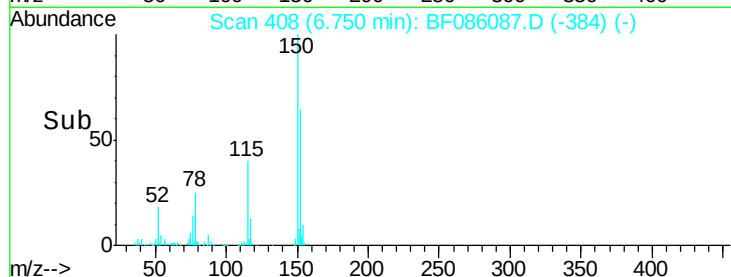
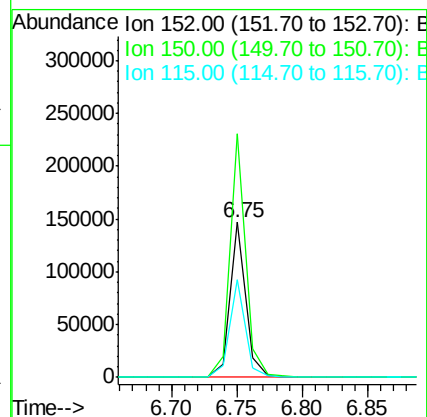
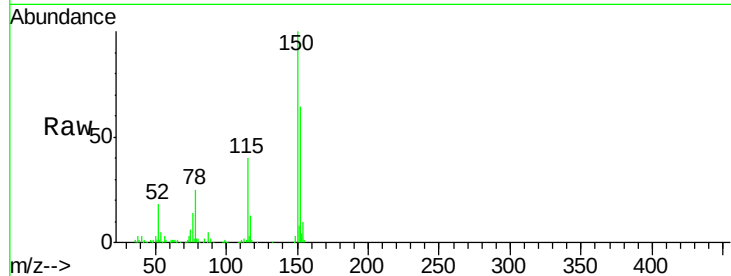


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF086087.D
Acq: 5 Apr 2016 21:28

Instrument :
BNA_F
ClientSampleId :
W2DAY1RE

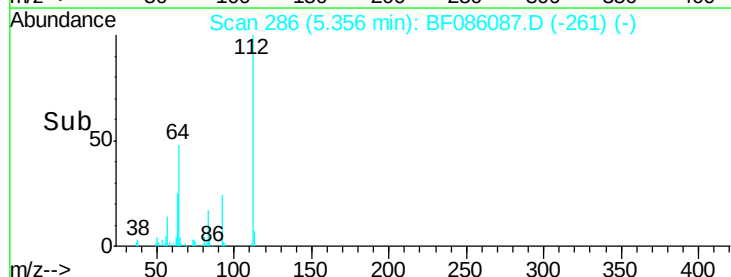
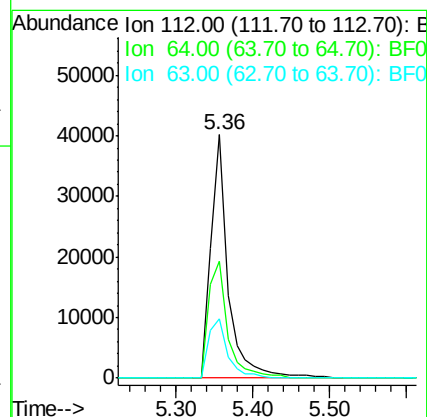
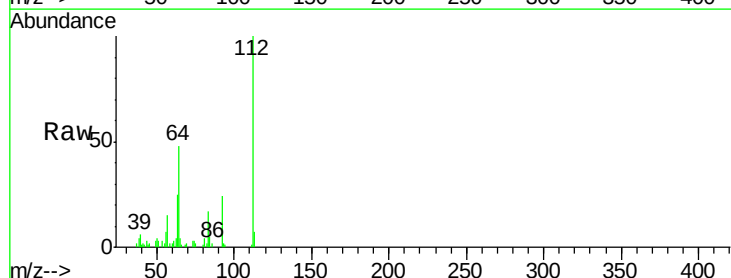
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.2	186.2
115	62.9	47.0	70.6

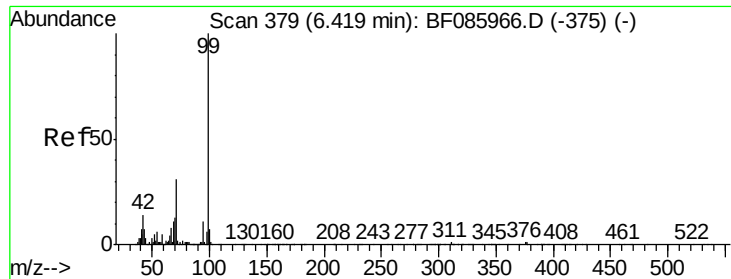


#5

2-Fluorophenol
Concen: 8.52 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.01 min
Lab File: BF086087.D
Acq: 5 Apr 2016 21:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.1	39.9	59.9
63	24.6	20.2	30.2





#7

Phenol-d6

Concen: 6.15 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086087.D

Acq: 5 Apr 2016 21:28

Instrument :

BNA_F

ClientSampleId :

W2DAY1RE

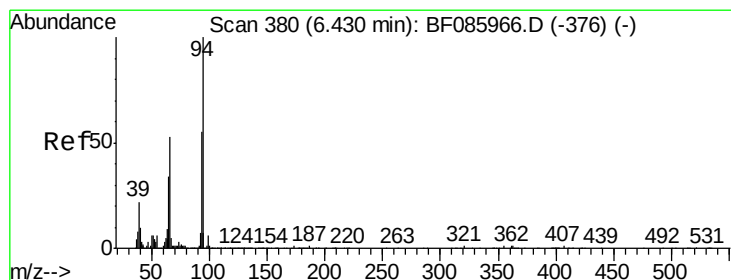
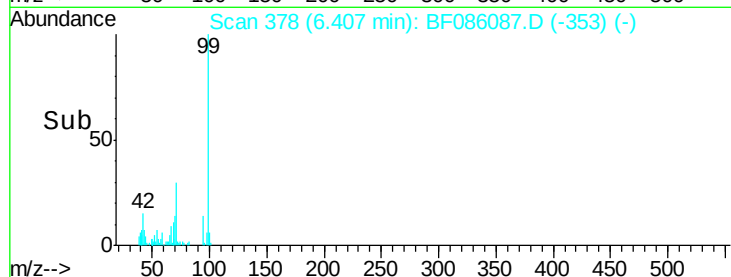
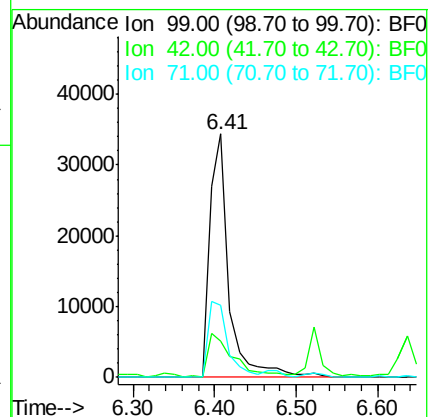
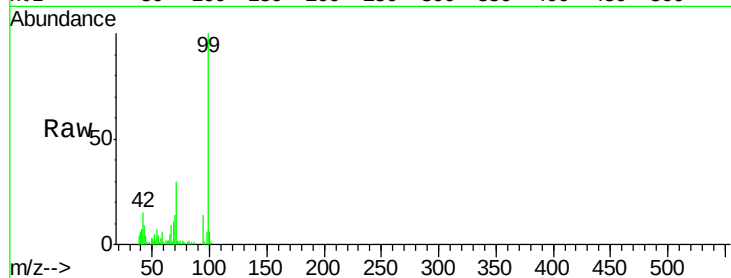
Tot Ion: 99 Resp: 56652

Ion Ratio Lower Upper

99 100

42 14.8 11.1 16.7

71 29.8 24.9 37.3



#10

Phenol

Concen: 2.09 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF086087.D

Acq: 5 Apr 2016 21:28

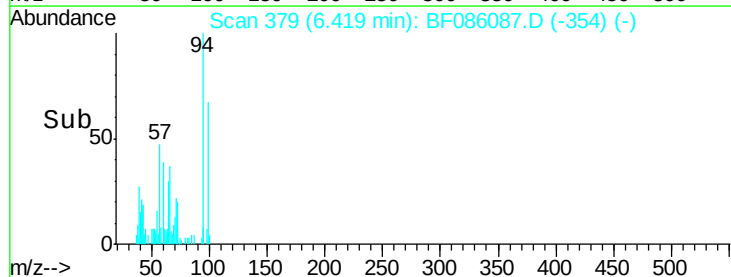
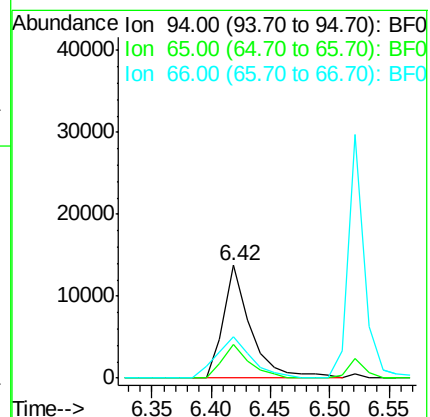
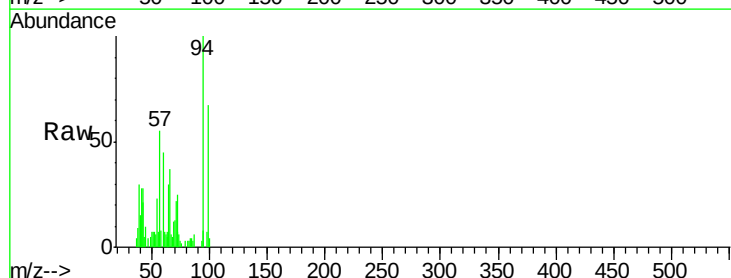
Tgt Ion: 94 Resp: 21965

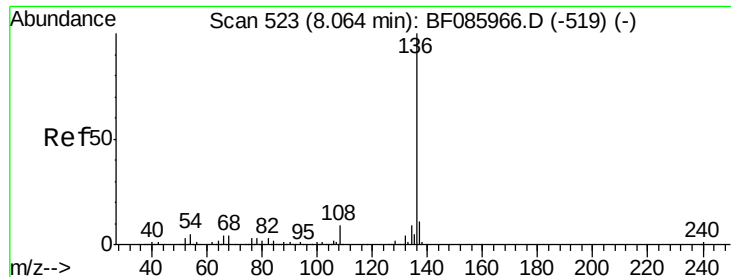
Ion Ratio Lower Upper

94 100

65 29.8 8.6 48.6

66 36.7 20.0 60.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF086087.D

Acq: 5 Apr 2016 21:28

Instrument :

BNA_F

ClientSampleId :

W2DAY1RE

Tot Ion:136 Resp: 487306

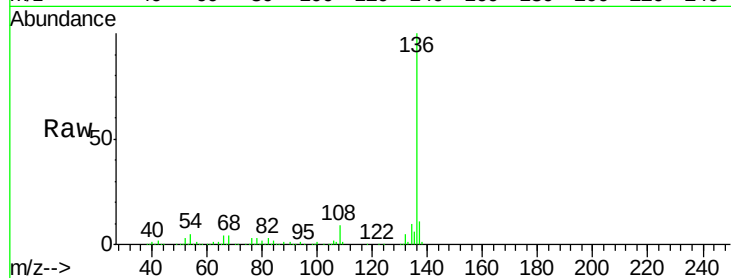
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 4.9 7.4 11.0#

68 4.5 5.8 8.8#

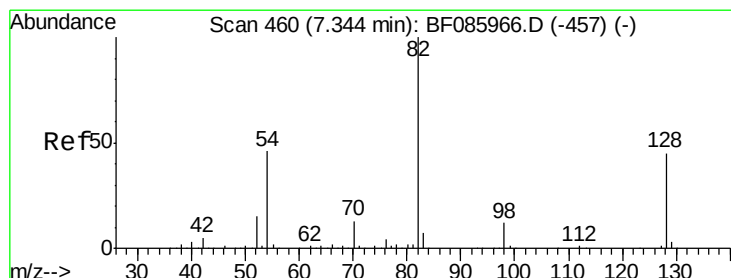
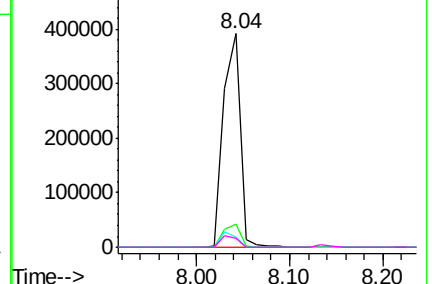
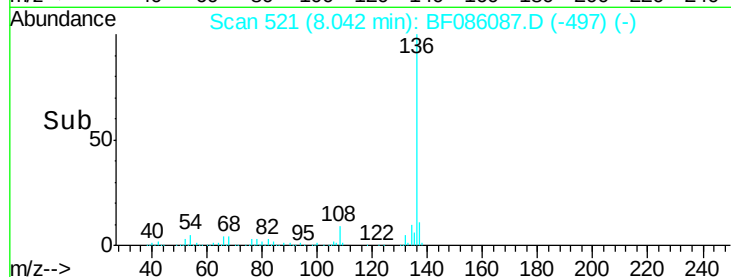


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 32.59 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF086087.D

Acq: 5 Apr 2016 21:28

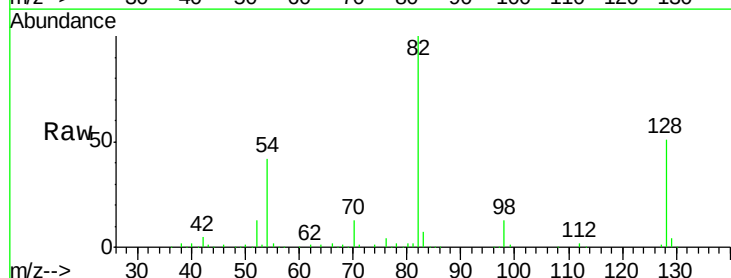
Tgt Ion: 82 Resp: 269283

Ion Ratio Lower Upper

82 100

128 51.1 41.8 62.8

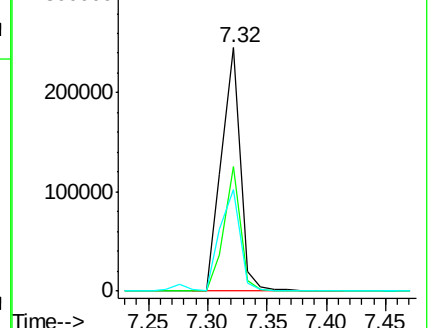
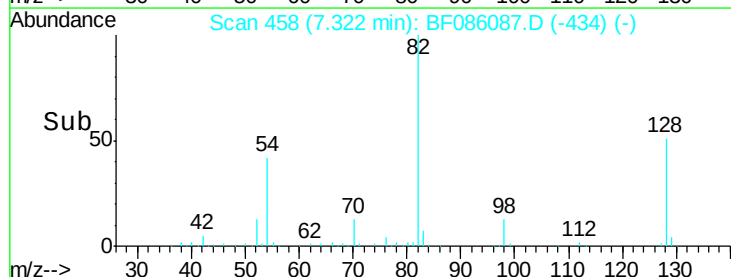
54 41.9 33.4 50.0

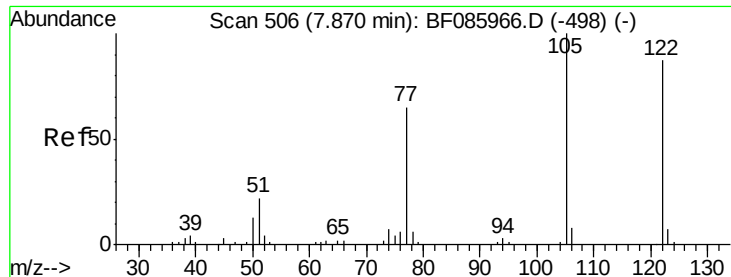


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

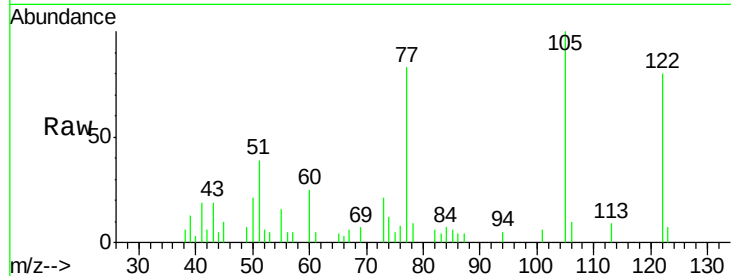




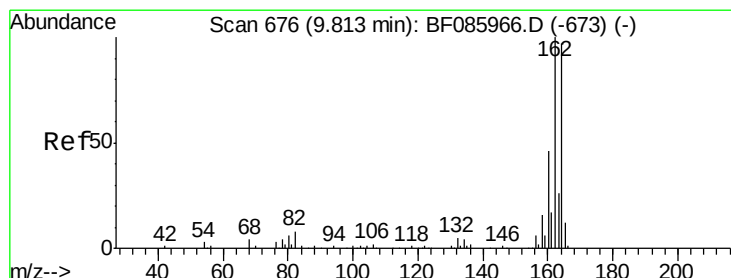
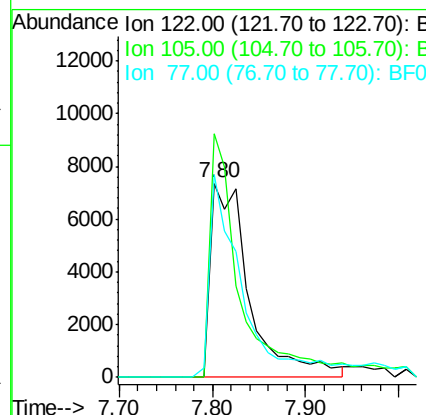
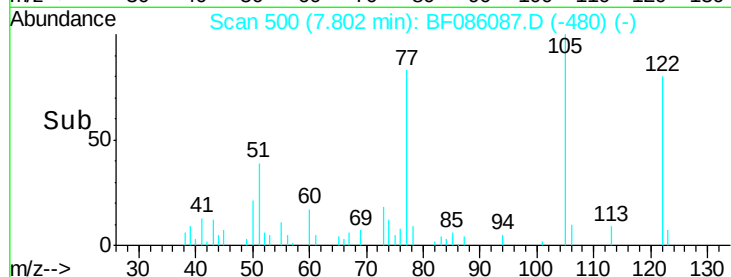
#32
Benzoic acid
Concen: 3.76 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.07 min
Lab File: BF086087.D
Acq: 5 Apr 2016 21:28

Instrument :
BNA_F
ClientSampleId :
W2DAY1RE

Tot Ion:122 Resp: 21403
Ion Ratio Lower Upper
122 100
105 125.6 102.9 142.9
77 104.4 71.8 111.8

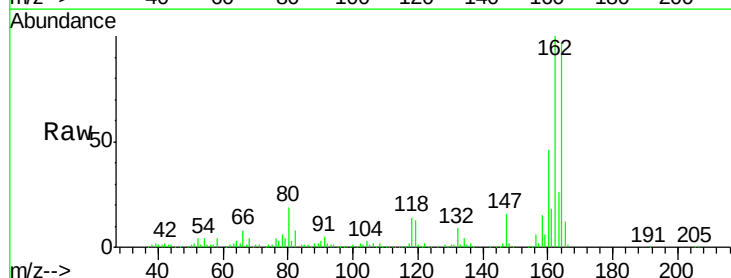


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BFO

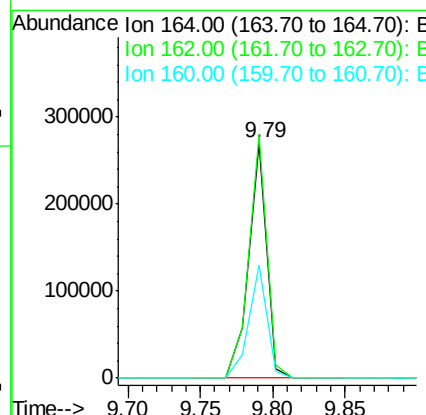
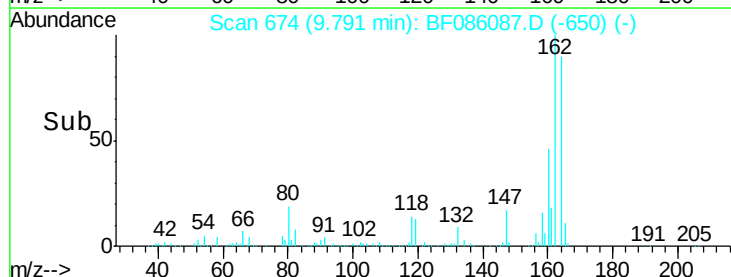


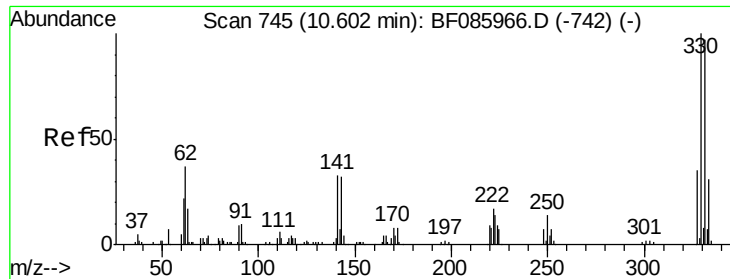
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF086087.D
Acq: 5 Apr 2016 21:28

Tgt Ion:164 Resp: 234057
Ion Ratio Lower Upper
164 100
162 103.6 82.1 123.1
160 47.9 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

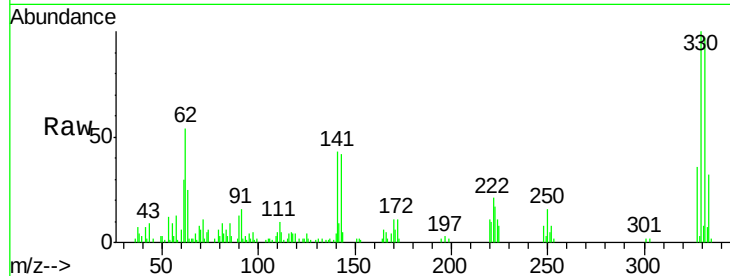




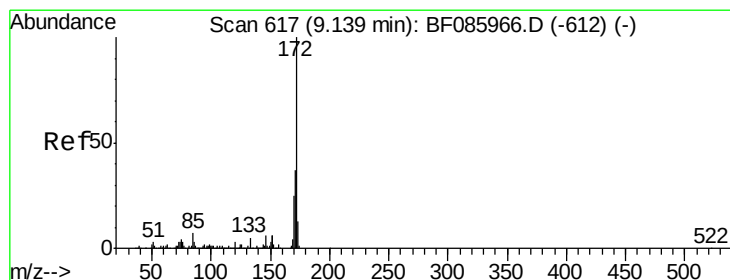
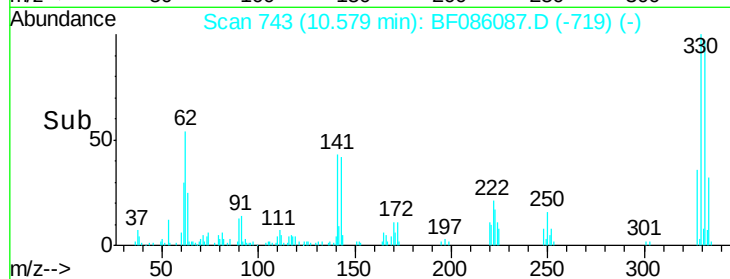
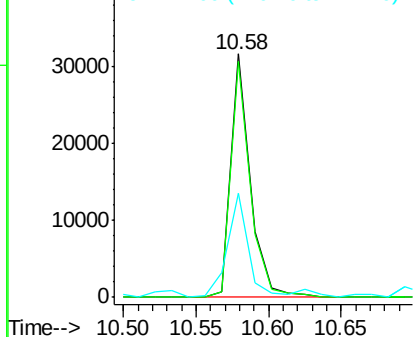
#41
 2,4,6-Tribromophenol
 Concen: 13.39 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086087.D
 Acq: 5 Apr 2016 21:28

Instrument :
 BNA_F
 ClientSampleId :
 W2DAY1RE

Tot Ion:330 Resp: 29416
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.2 117.2
 141 49.7 31.5 47.3#

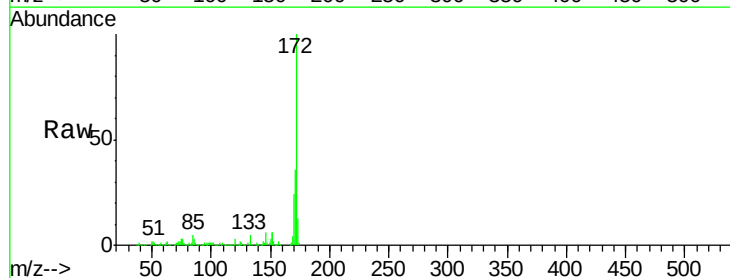


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

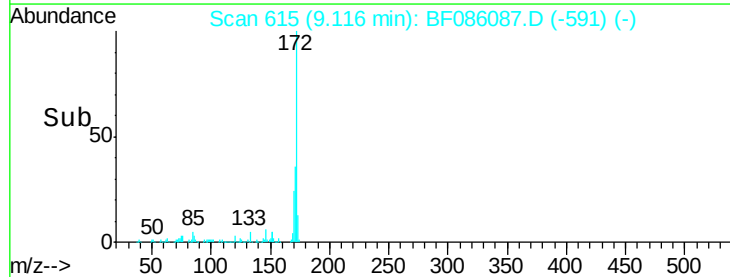
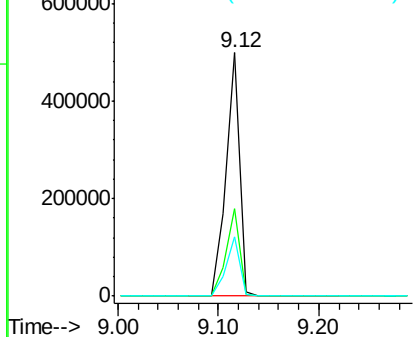


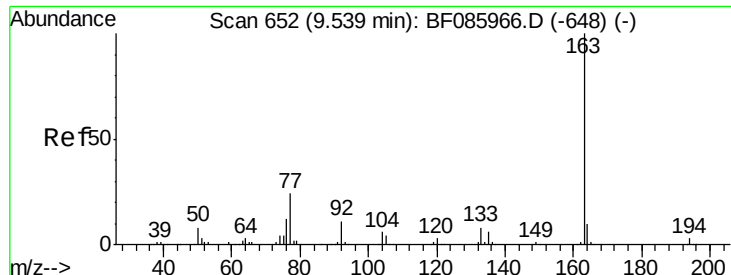
#44
 2-Fluorobiphenyl
 Concen: 33.31 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF086087.D
 Acq: 5 Apr 2016 21:28

Tgt Ion:172 Resp: 468945
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.2
 170 24.1 19.8 29.6



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: 11.51 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.02 min

Lab File: BF086087.D

Acq: 5 Apr 2016 21:28

Instrument :

BNA_F

ClientSampleId :

W2DAY1RE

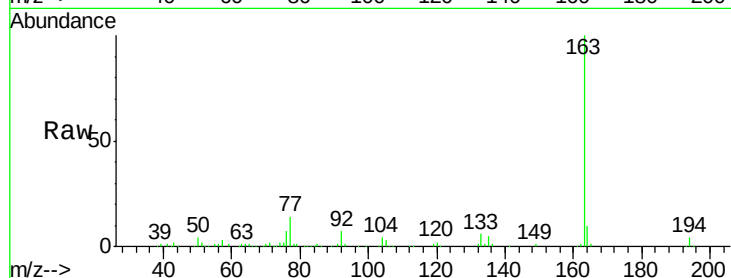
Tot Ion:163 Resp: 199754

Ion Ratio Lower Upper

163 100

194 4.0 2.9 4.3

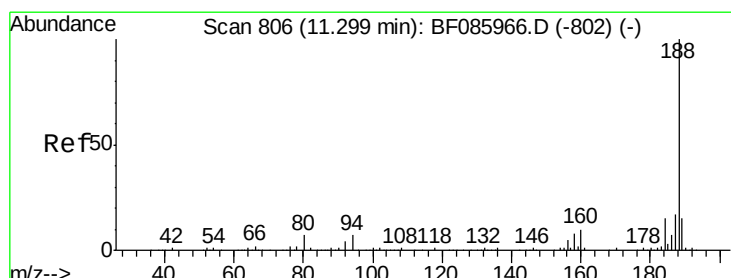
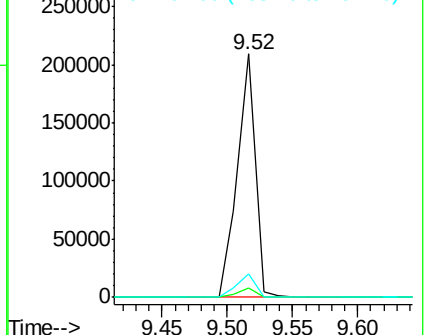
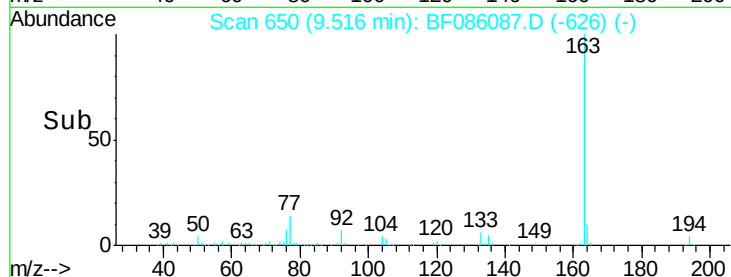
164 9.6 8.3 12.5



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: BF086087.D

Acq: 5 Apr 2016 21:28

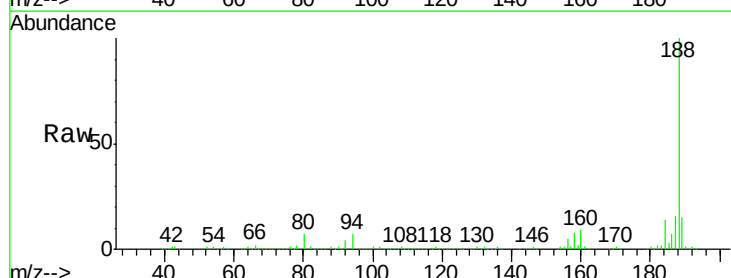
Tgt Ion:188 Resp: 447682

Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.0

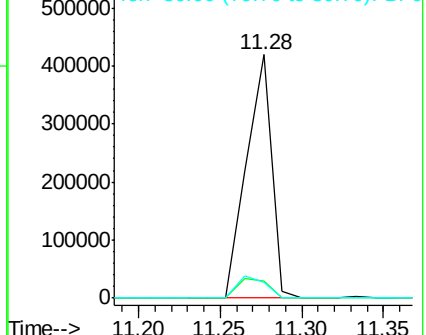
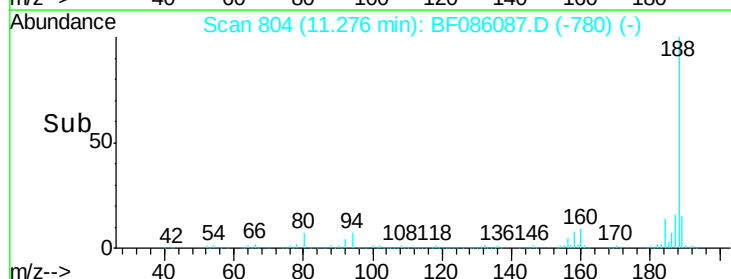
80 6.7 5.5 8.3

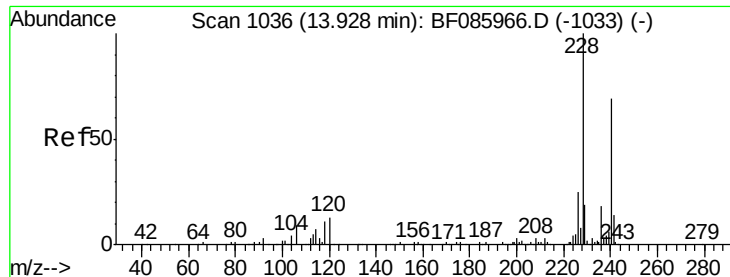


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF086087.D

Acq: 5 Apr 2016 21:28

Instrument :

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ClientSampleId :

W2DAY1RE

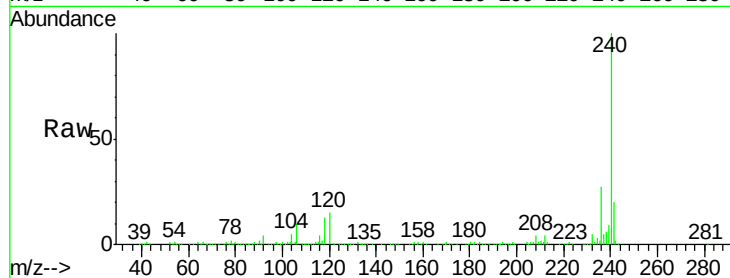
Tot Ion:240 Resp: 317706

Ion Ratio Lower Upper

240 100

120 15.2 13.8 20.8

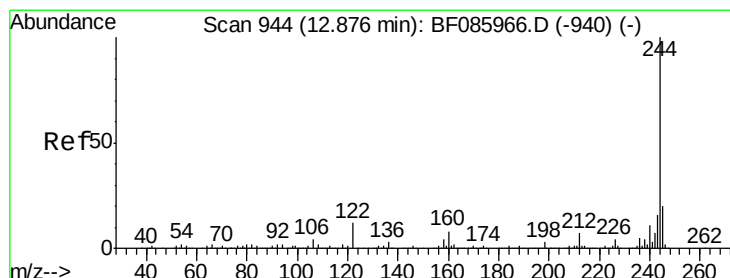
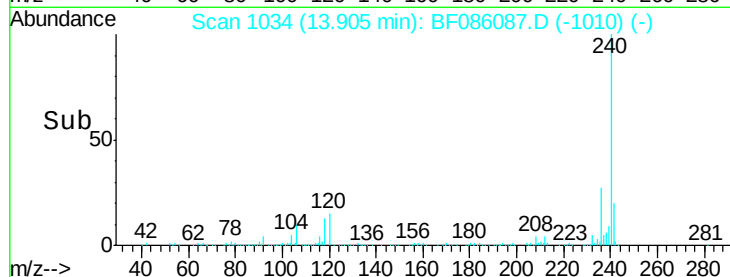
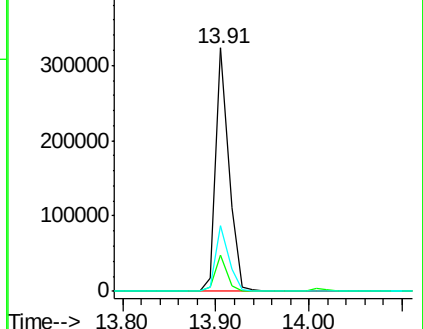
236 27.0 20.6 30.8



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: 29.57 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF086087.D

Acq: 5 Apr 2016 21:28

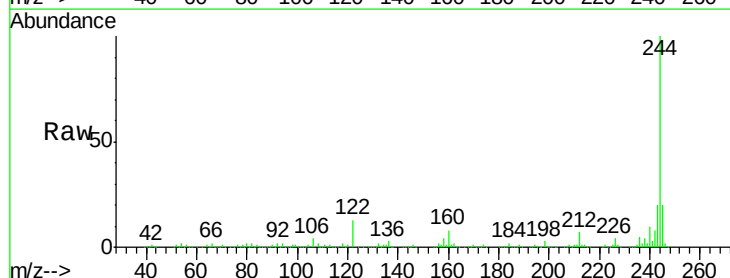
Tgt Ion:244 Resp: 399616

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

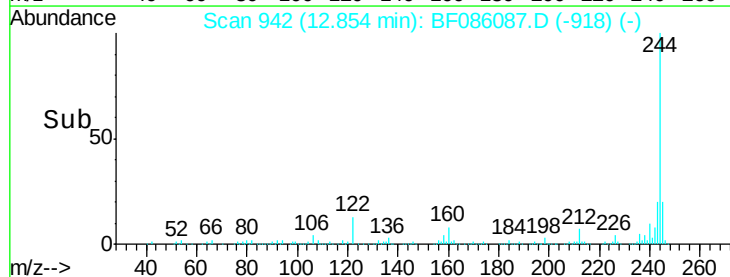
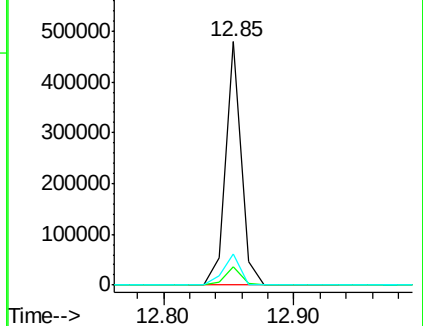
122 12.7 10.2 15.4

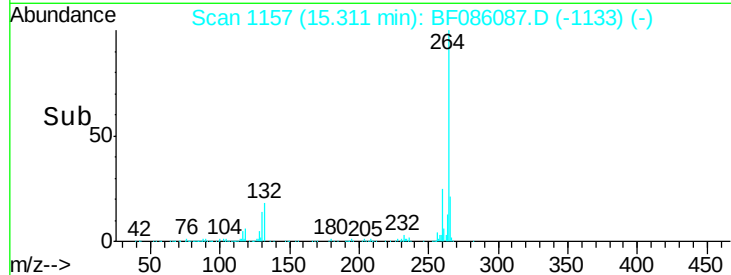
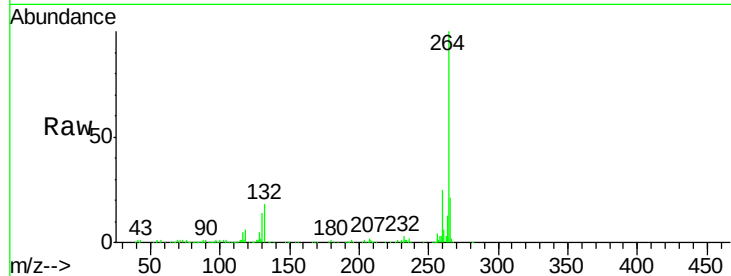
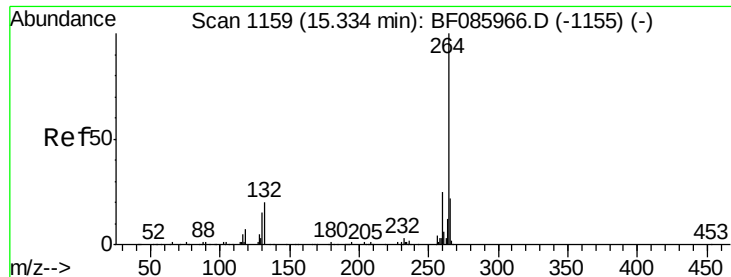


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF086087.D
Acq: 5 Apr 2016 21:28

Instrument :
BNA_F
ClientSampleId :
W2DAY1RE

Tot Ion:	264	Resp:	245317
Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.4	29.2
265	21.3	17.2	25.8

