

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040216\
 Data File : BF086018.D
 Acq On : 2 Apr 2016 18:18
 Operator : UM/SJ
 Sample : H2028-02
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W2DAY1

Quant Time: Apr 04 03:20:07 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

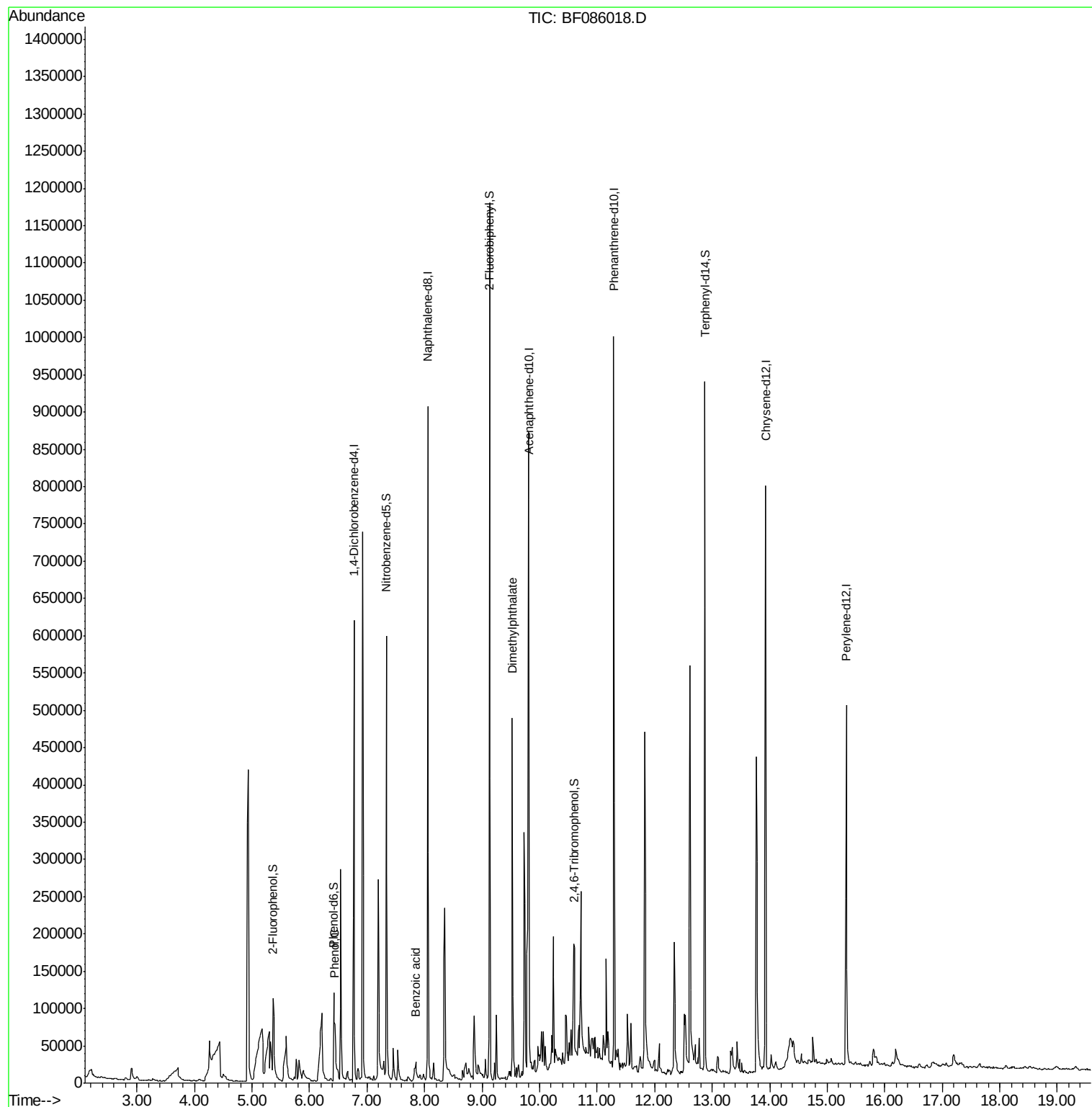
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105058	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	426224	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	199277	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	374599	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	274470	20.00	ng	0.00
86) Perylene-d12	15.33	264	215076	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	53594	8.72	ng	0.00
7) Phenol-d6	6.42	99	51434	6.59	ng	0.00
23) Nitrobenzene-d5	7.33	82	229590	31.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	23779	12.71	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	381719	31.85	ng	-0.01
78) Terphenyl-d14	12.88	244	356790	30.56	ng	0.00
Target Compounds						
10) Phenol	6.43	94	18405	2.07	ng	Qvalue 94
32) Benzoic acid	7.85	122	11522	2.31	ng	# 48
49) Dimethylphthalate	9.53	163	177400	12.01	ng	99

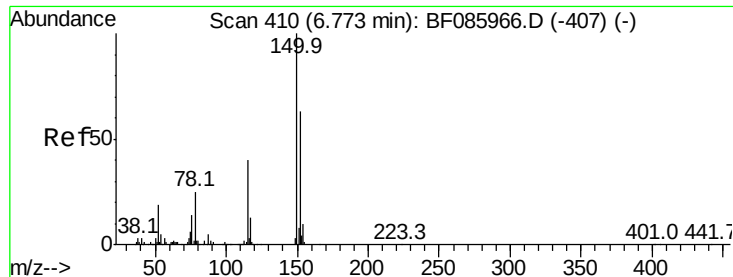
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF086018.D

Acq: 2 Apr 2016 18:18

Instrument :

BNA_F

ClientSampleId :

W2DAY1

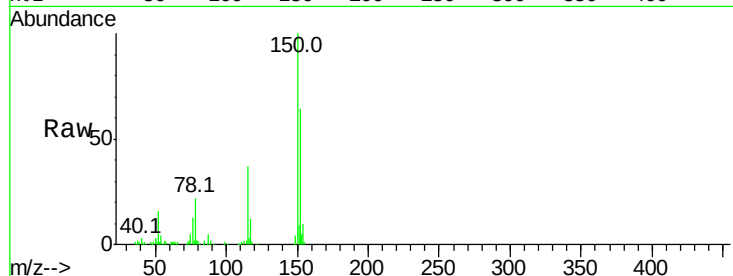
Tot Ion:152 Resp: 105058

Ion Ratio Lower Upper

152 100

150 155.2 124.2 186.2

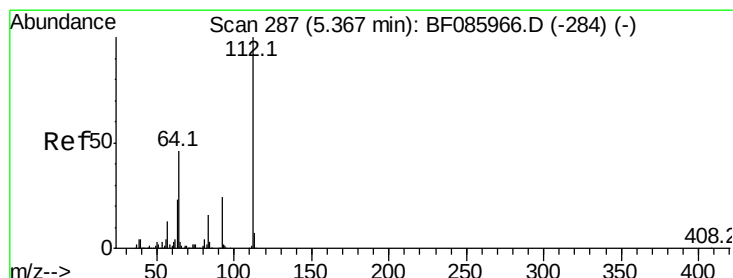
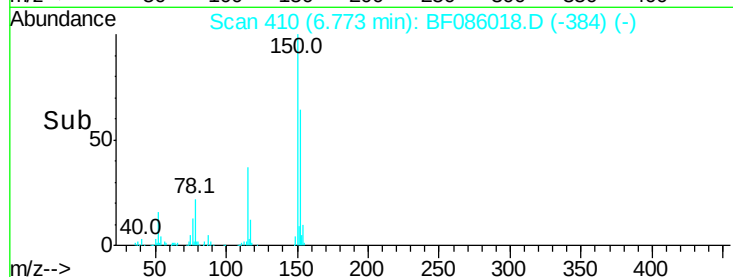
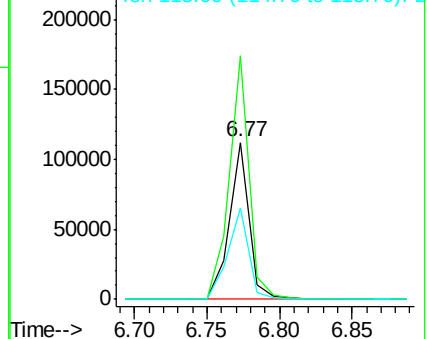
115 58.2 47.0 70.6



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: 8.72 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086018.D

Acq: 2 Apr 2016 18:18

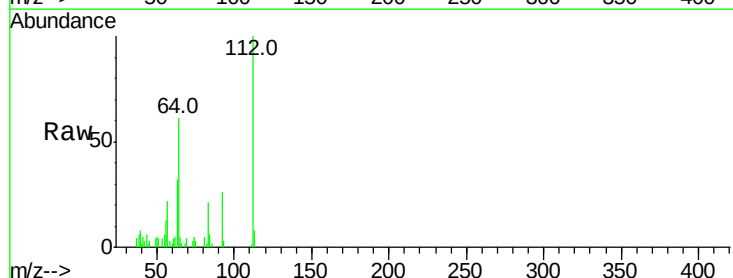
Tgt Ion:112 Resp: 53594

Ion Ratio Lower Upper

112 100

64 61.1 39.9 59.9#

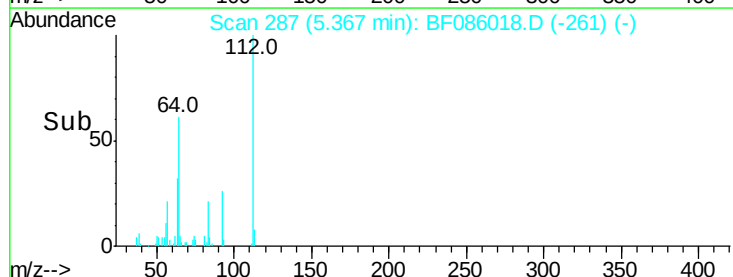
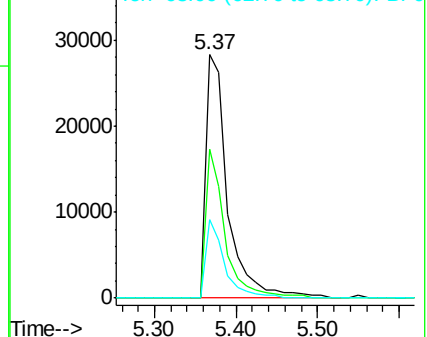
63 32.3 20.2 30.2#

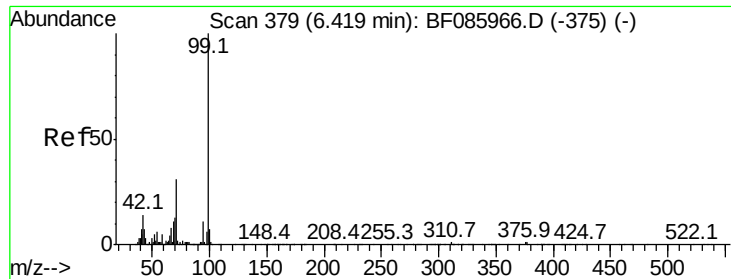


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.59 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086018.D

Acq: 2 Apr 2016 18:18

Instrument :

BNA_F

ClientSampleId :

W2DAY1

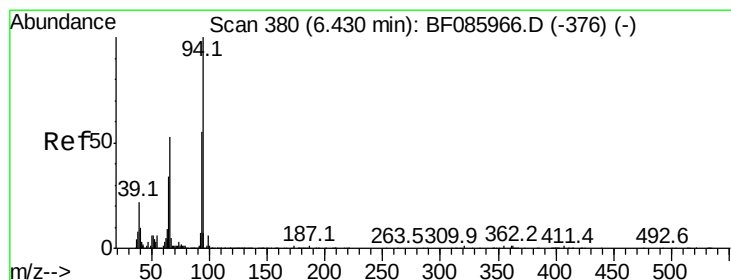
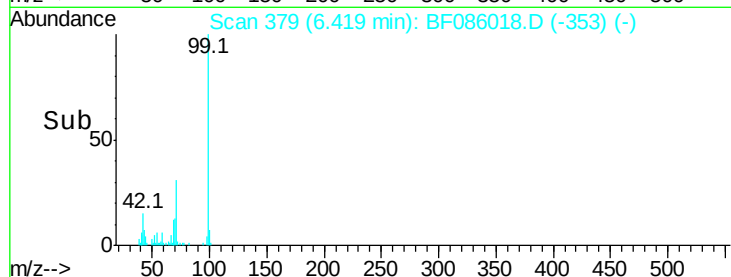
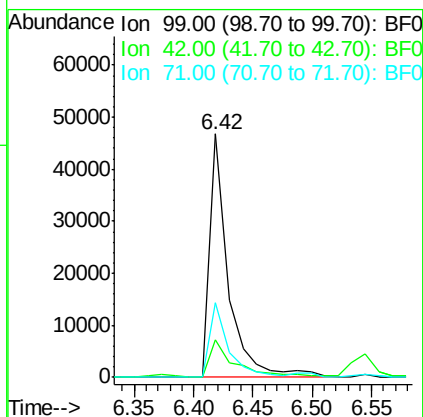
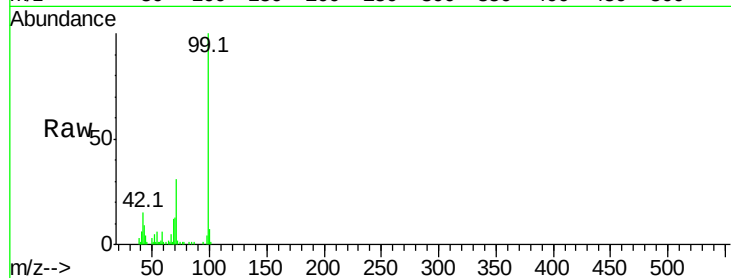
Tot Ion: 99 Resp: 51434

Ion Ratio Lower Upper

99 100

42 15.4 11.1 16.7

71 30.5 24.9 37.3



#10

Phenol

Concen: 2.07 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF086018.D

Acq: 2 Apr 2016 18:18

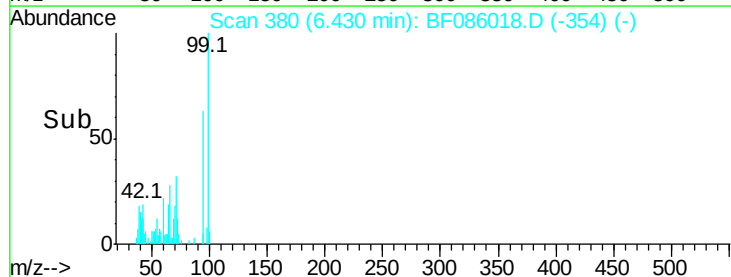
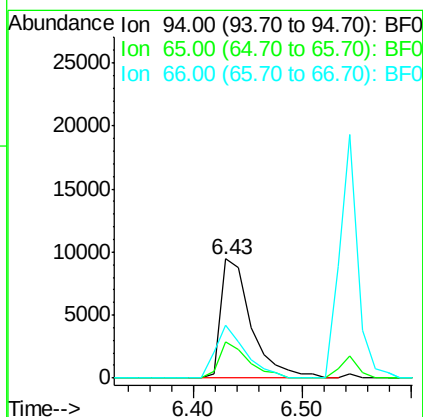
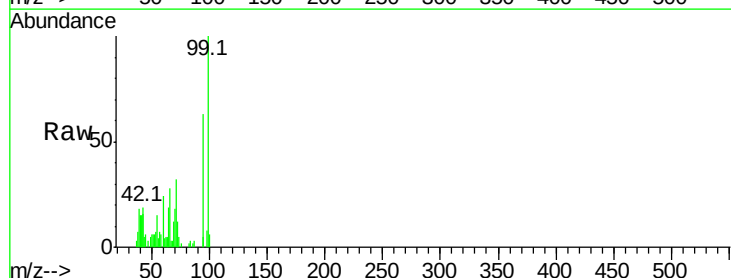
Tgt Ion: 94 Resp: 18405

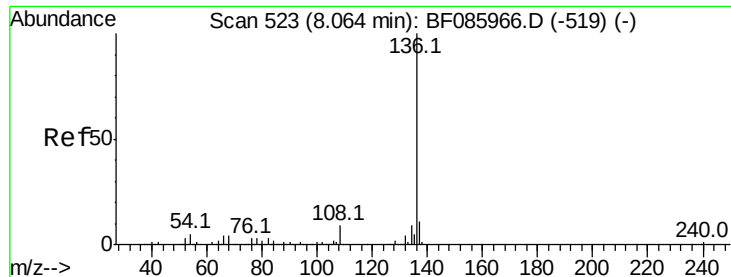
Ion Ratio Lower Upper

94 100

65 30.3 8.6 48.6

66 44.4 20.0 60.0

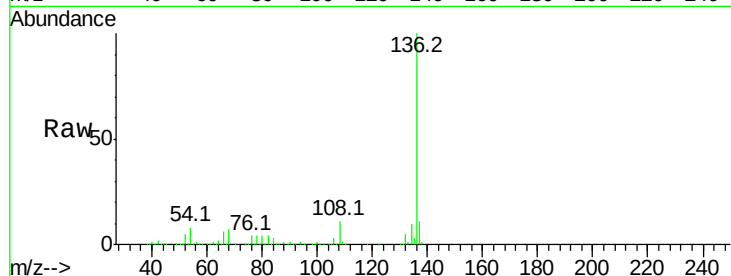




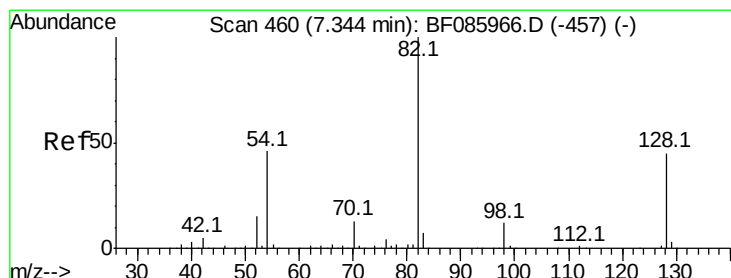
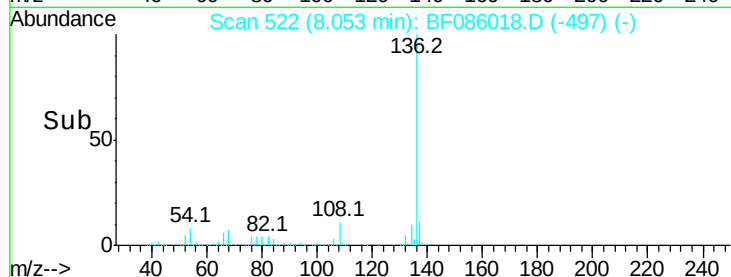
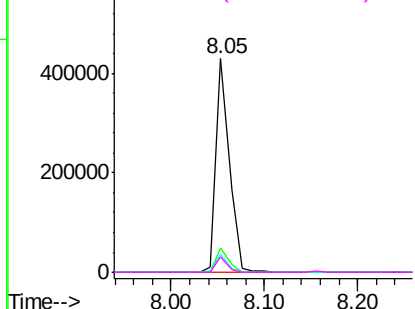
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086018.D
Acq: 2 Apr 2016 18:18

Instrument :
BNA_F
ClientSampleId :
W2DAY1

Tot Ion:136	Resp:	426224
Ion Ratio	Lower	Upper
136 100		
137 11.4	9.1	13.7
54 8.4	7.4	11.0
68 6.9	5.8	8.8

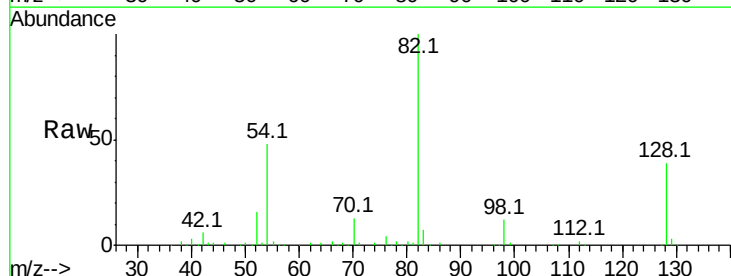


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

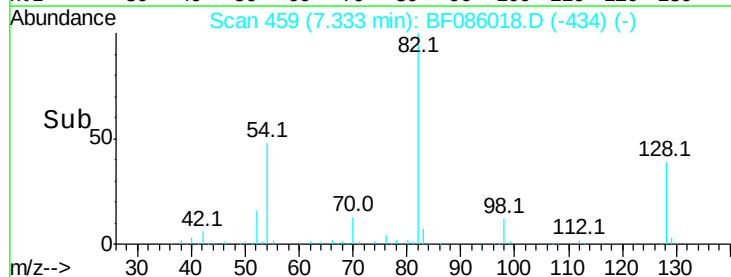
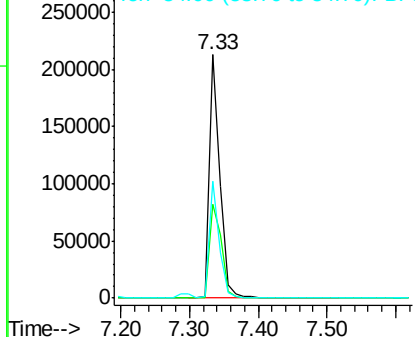


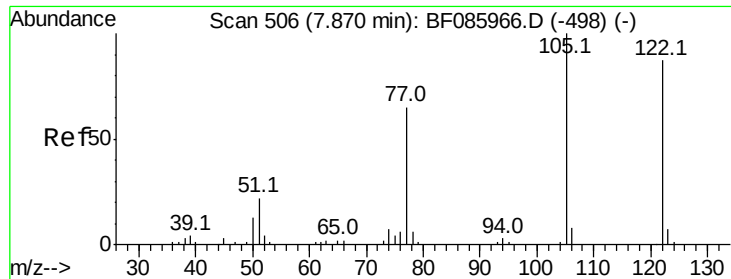
#23
Nitrobenzene-d5
Concen: 31.77 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086018.D
Acq: 2 Apr 2016 18:18

Tgt Ion: 82	Resp: 229590
Ion Ratio	Lower Upper
82 100	
128 38.7	41.8 62.8#
54 48.3	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: 2.31 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF086018.D

Acq: 2 Apr 2016 18:18

Instrument :

BNA_F

ClientSampled :

W2DAY1

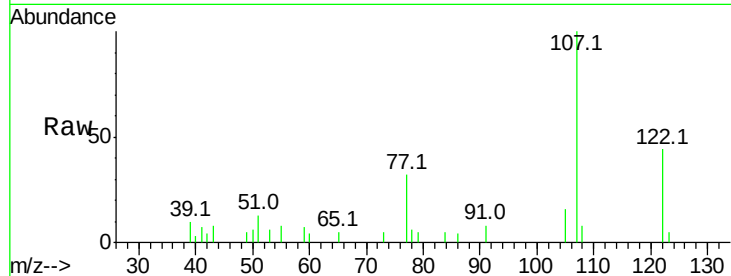
Tot Ion:122 Resp: 11522

Ion Ratio Lower Upper

122 100

105 37.4 102.9 142.9#

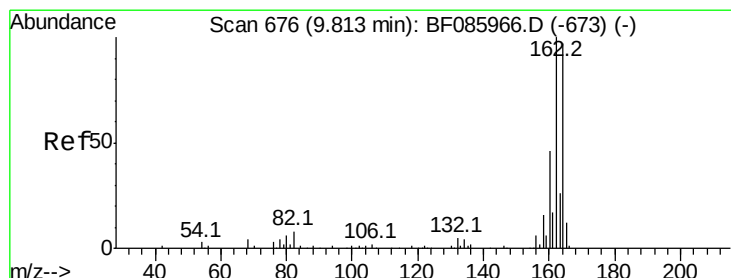
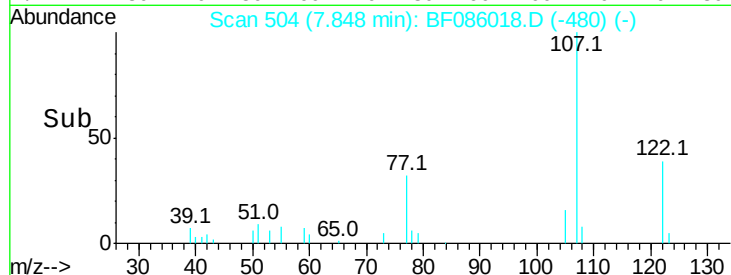
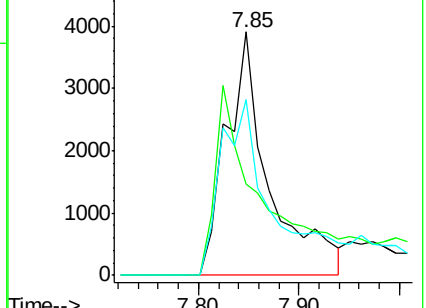
77 72.1 71.8 111.8



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: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF086018.D

Acq: 2 Apr 2016 18:18

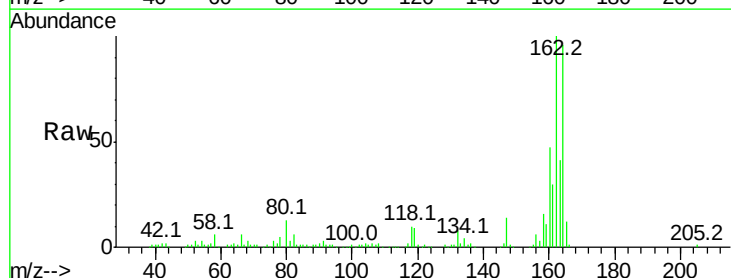
Tgt Ion:164 Resp: 199277

Ion Ratio Lower Upper

164 100

162 104.1 82.1 123.1

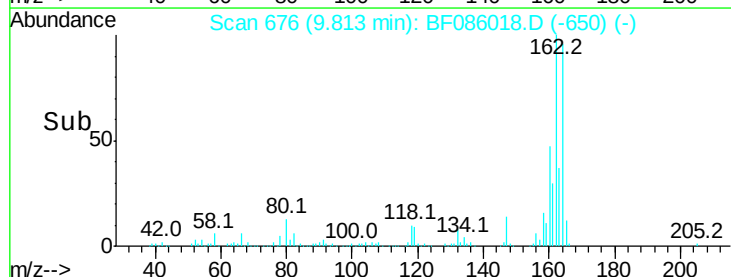
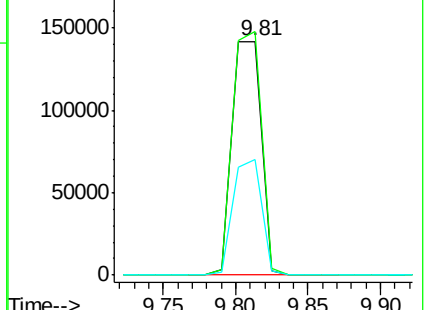
160 49.1 37.4 56.2

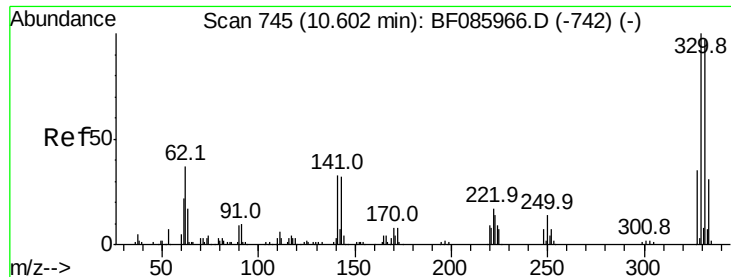


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

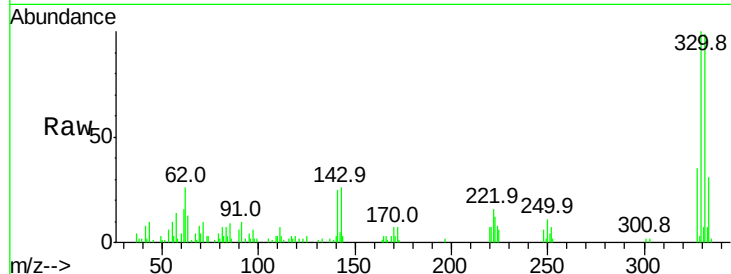




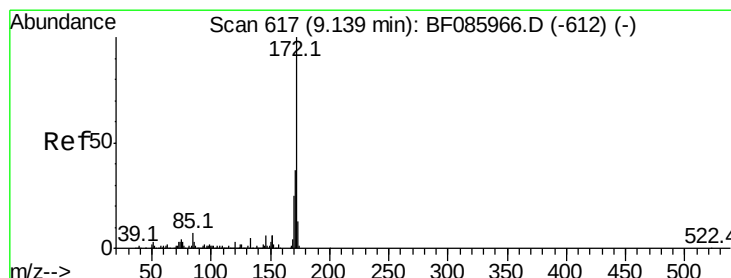
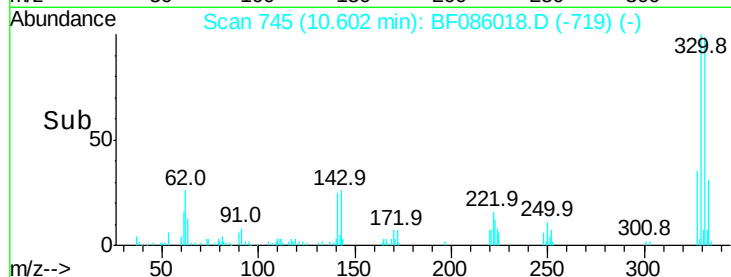
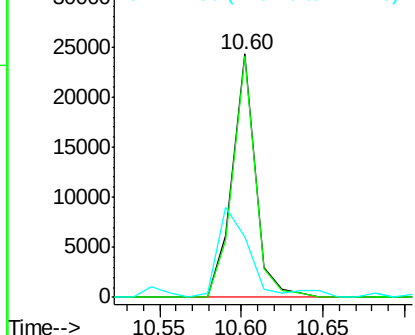
#41
 2,4,6-Tribromophenol
 Concen: 12.71 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086018.D
 Acq: 2 Apr 2016 18:18

Instrument :
 BNA_F
 ClientSampleId :
 W2DAY1

Tot Ion:330 Resp: 23779
 Ion Ratio Lower Upper
 330 100
 332 97.0 78.2 117.2
 141 51.9 31.5 47.3#

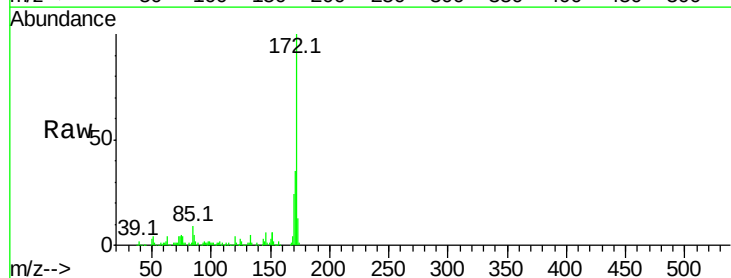


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

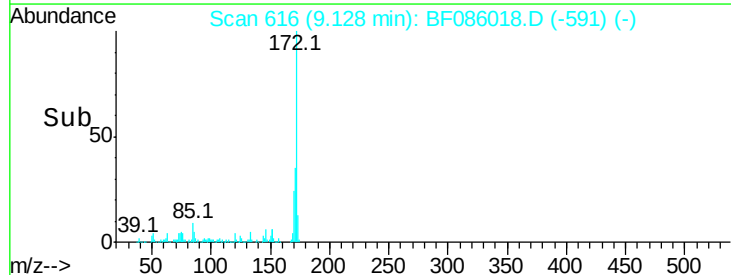
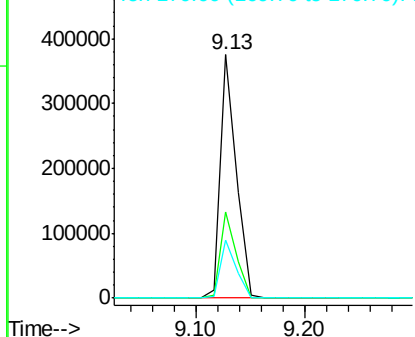


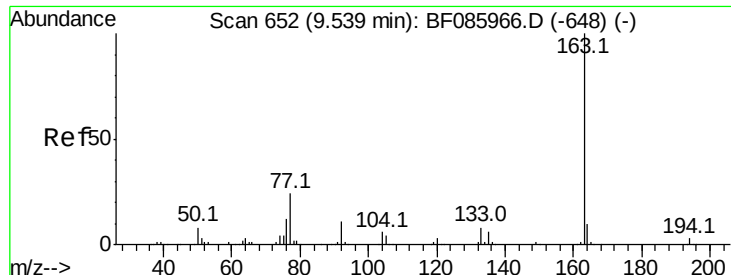
#44
 2-Fluorobiphenyl
 Concen: 31.85 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF086018.D
 Acq: 2 Apr 2016 18:18

Tgt Ion:172 Resp: 381719
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.4 44.2
 170 23.8 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: 12.01 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086018.D

Acq: 2 Apr 2016 18:18

Instrument :

BNA_F

ClientSampleId :

W2DAY1

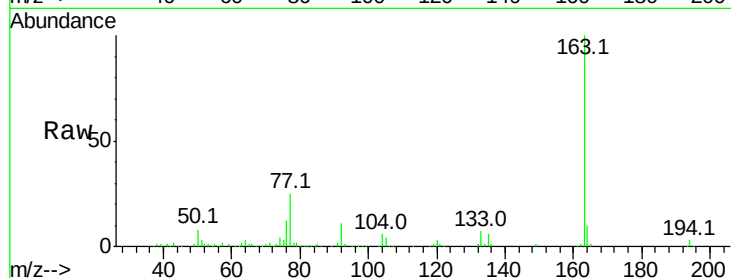
Tot Ion:163 Resp: 177400

Ion Ratio Lower Upper

163 100

194 3.1 2.9 4.3

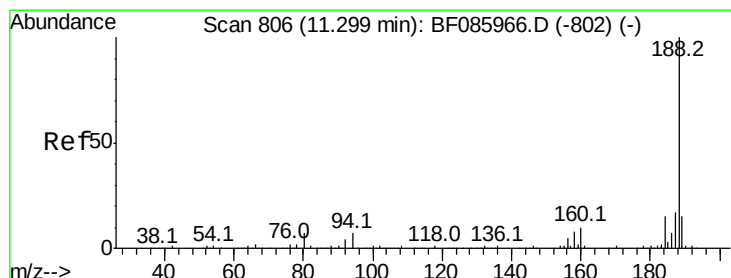
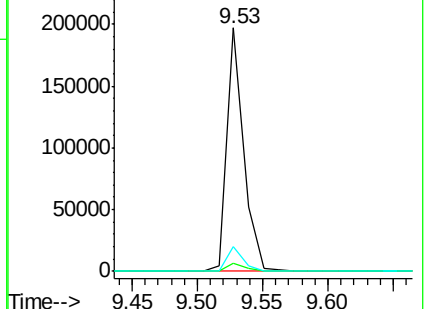
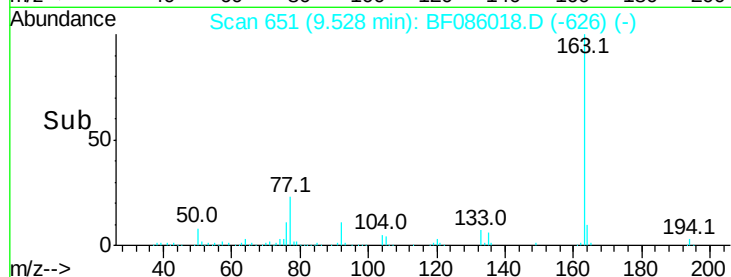
164 10.2 8.3 12.5



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: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF086018.D

Acq: 2 Apr 2016 18:18

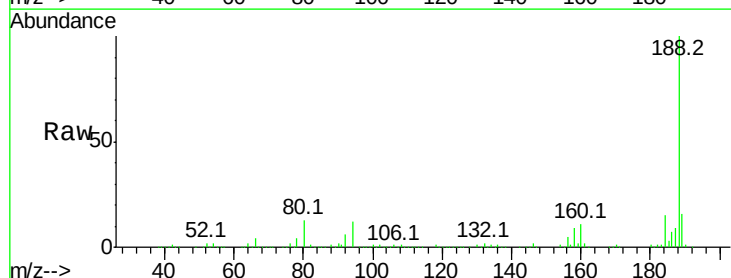
Tgt Ion:188 Resp: 374599

Ion Ratio Lower Upper

188 100

94 12.0 5.4 8.0#

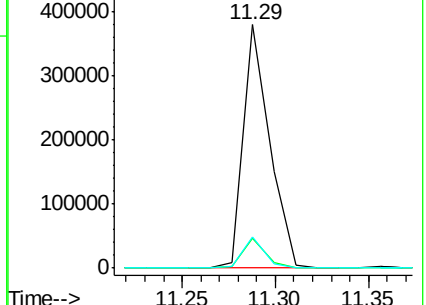
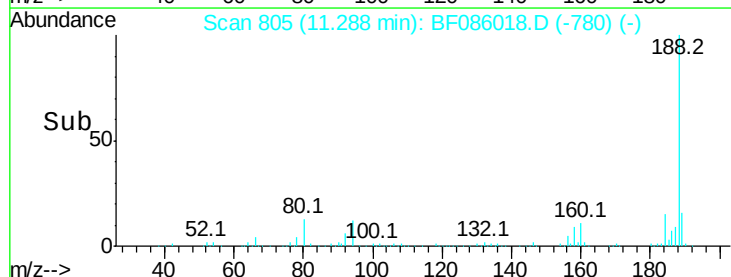
80 13.0 5.5 8.3#

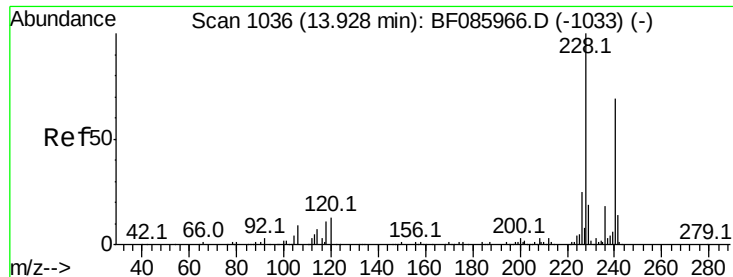


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF086018.D

Acq: 2 Apr 2016 18:18

Instrument :

BNA_F

ClientSampleId :

W2DAY1

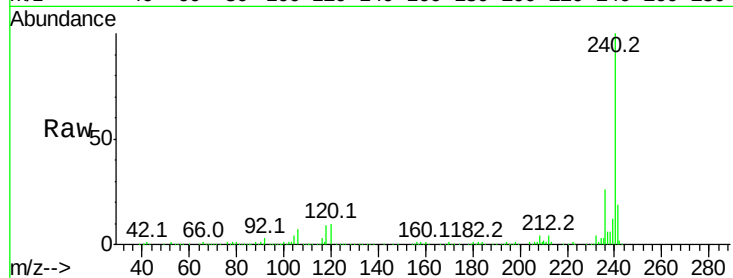
Tot Ion:240 Resp: 274470

Ion Ratio Lower Upper

240 100

120 10.3 13.8 20.8#

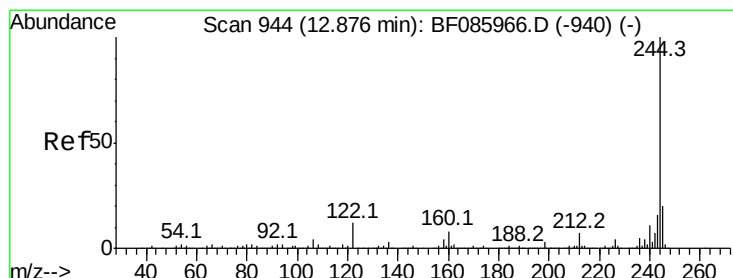
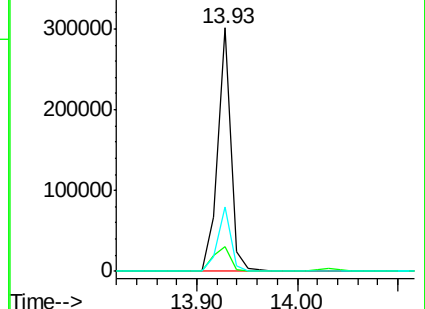
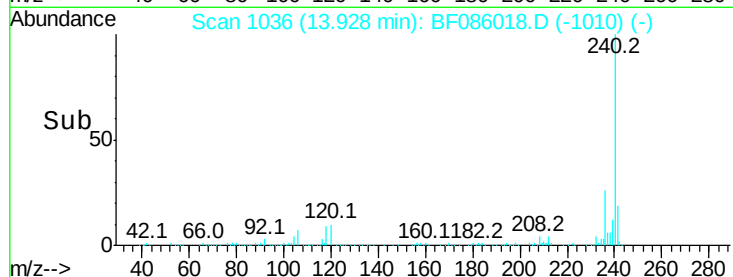
236 26.2 20.6 30.8



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: 30.56 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086018.D

Acq: 2 Apr 2016 18:18

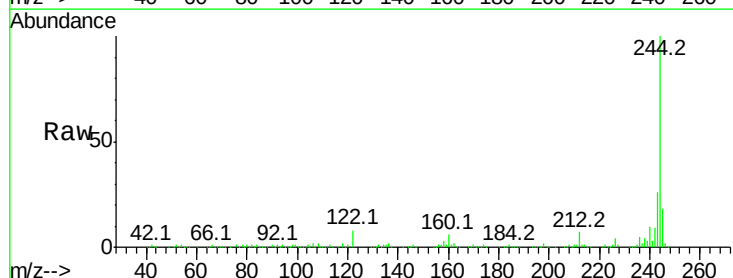
Tgt Ion:244 Resp: 356790

Ion Ratio Lower Upper

244 100

212 6.7 6.1 9.1

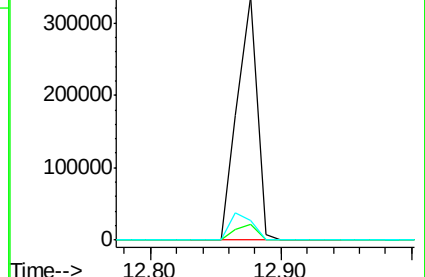
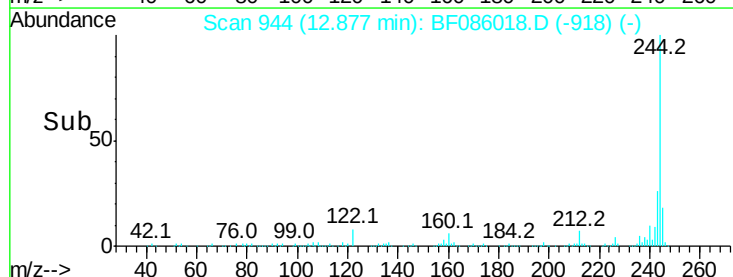
122 7.9 10.2 15.4#

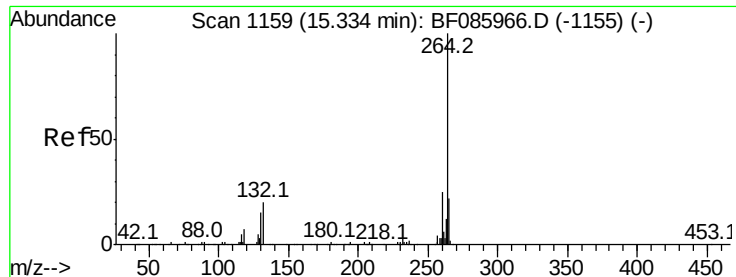


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF086018.D
Acq: 2 Apr 2016 18:18

Instrument :
BNA_F
ClientSampleId :
W2DAY1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.4	17.2	25.8

