

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088673.D
 Acq On : 4 Jul 2016 3:41
 Operator : UM/SJ
 Sample : H3848-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-18A-9-11

Quant Time: Jul 04 06:59:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

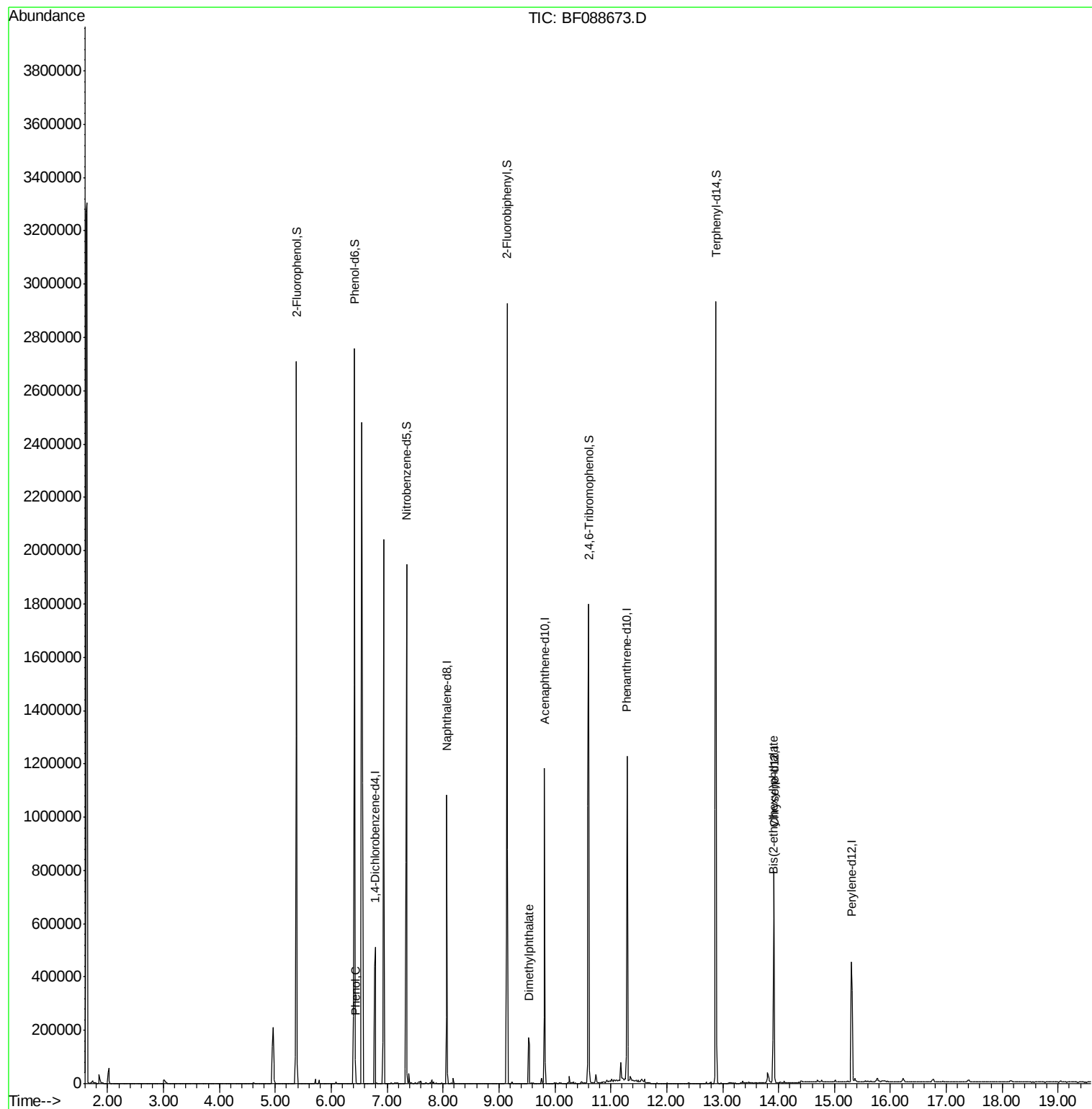
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110021	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	454051	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	217797	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	376830	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	290896	20.00	ng	-0.03
86) Perylene-d12	15.30	264	229478	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	810178	110.36	ng	-0.02
7) Phenol-d6	6.42	99	1126844	118.80	ng	-0.02
23) Nitrobenzene-d5	7.35	82	698526	80.62	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	242136	119.72	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	999585	72.50	ng	-0.03
78) Terphenyl-d14	12.88	244	879571	67.35	ng	-0.03
Target Compounds						
10) Phenol	6.43	94	22202	2.05	ng	Qvalue 95
49) Dimethylphthalate	9.54	163	101080	6.51	ng	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	111281	8.86	ng	# 99

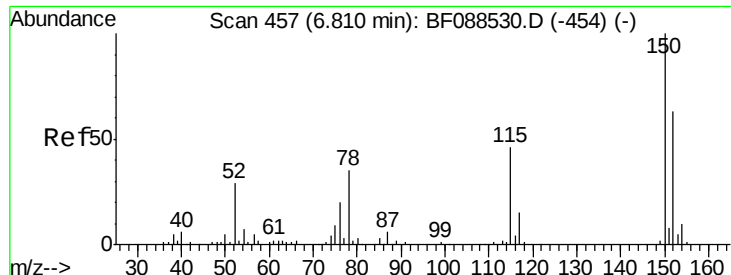
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

Instrument :

BNA_F

ClientSampleId :

LOCATION-18A-9-11

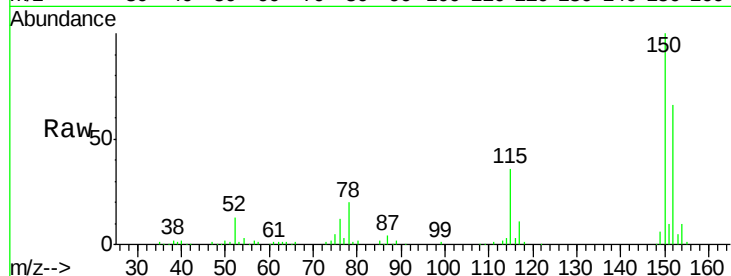
Tot Ion:152 Resp: 110021

Ion Ratio Lower Upper

152 100

150 152.3 123.8 185.6

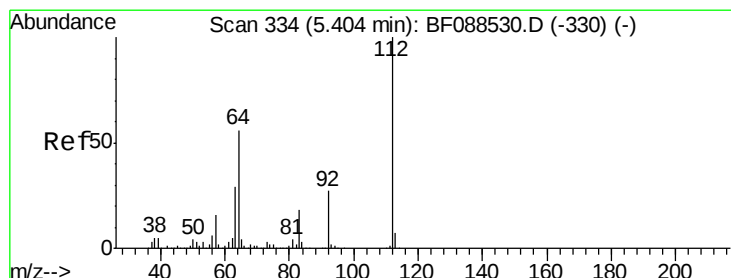
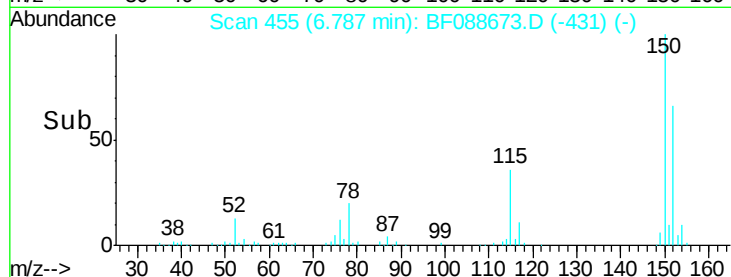
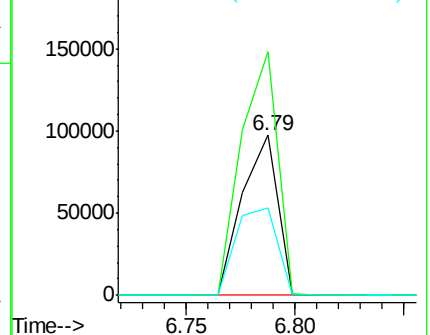
115 54.4 39.6 59.4



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: 110.36 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

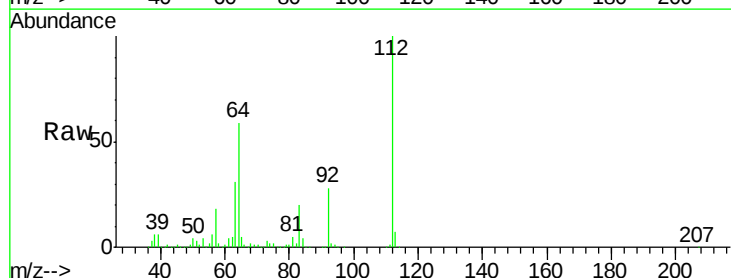
Tgt Ion:112 Resp: 810178

Ion Ratio Lower Upper

112 100

64 59.3 42.2 63.2

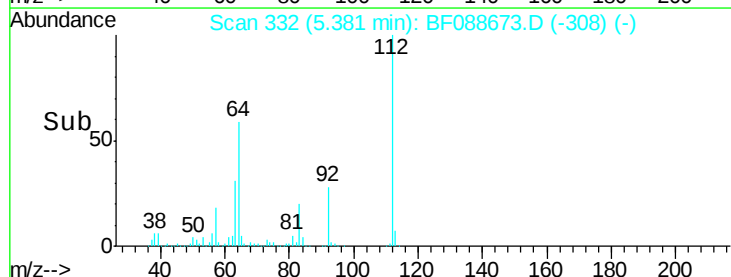
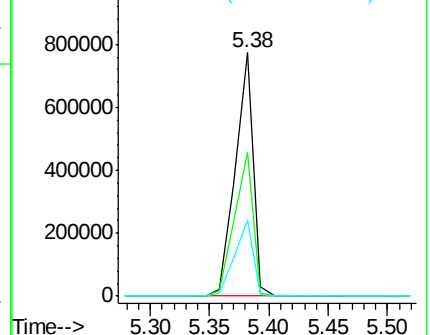
63 31.1 21.8 32.8



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: 118.80 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

Instrument :

BNA_F

ClientSampleId :

LOCATION-18A-9-11

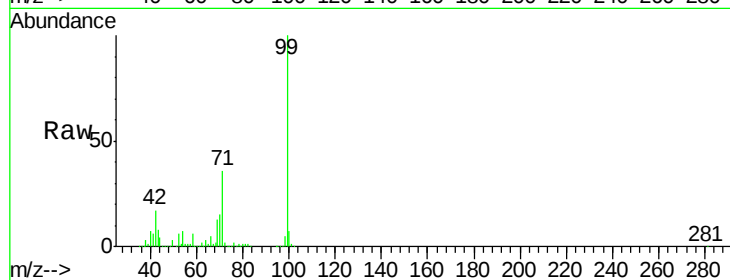
Tot Ion: 99 Resp: 1126844

Ion Ratio Lower Upper

99 100

42 17.1 12.2 18.2

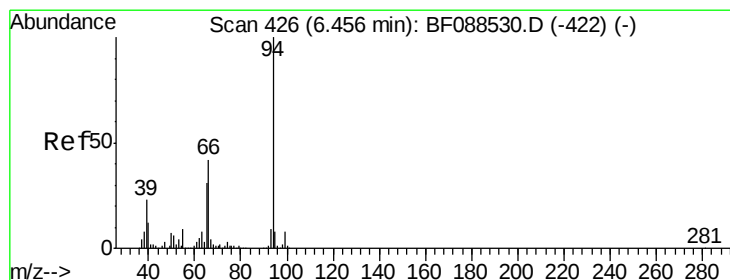
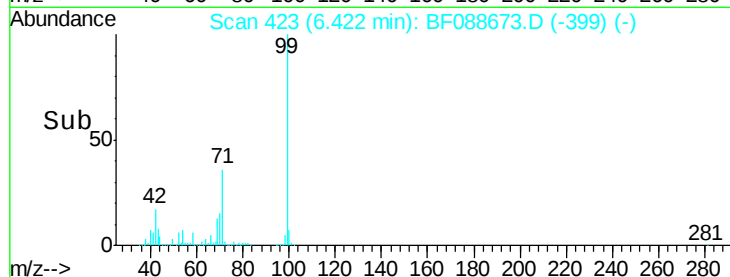
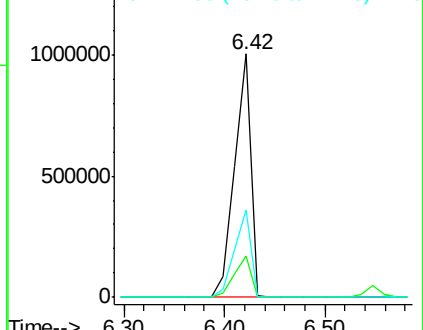
71 35.8 23.4 35.0#



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: 2.05 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

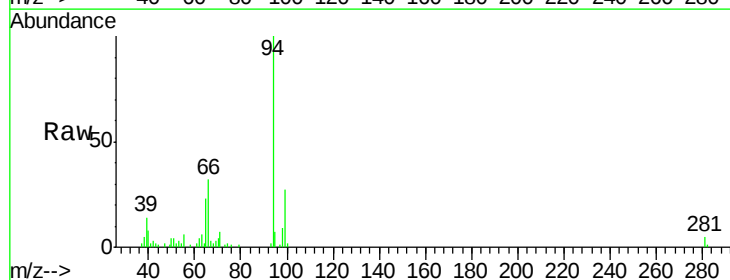
Tgt Ion: 94 Resp: 22202

Ion Ratio Lower Upper

94 100

65 22.5 5.9 45.9

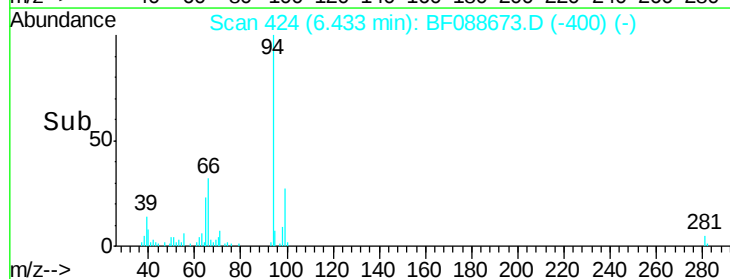
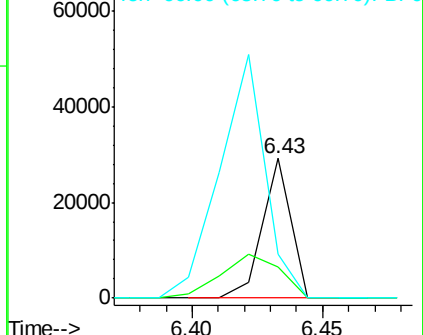
66 31.7 14.0 54.0



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: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

Instrument :

BNA_F

ClientSampleId :

LOCATION-18A-9-11

Tot Ion:136 Resp: 454051

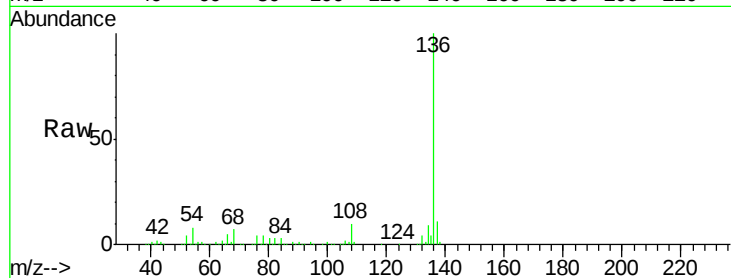
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.5 6.6 10.0

68 6.5 5.1 7.7

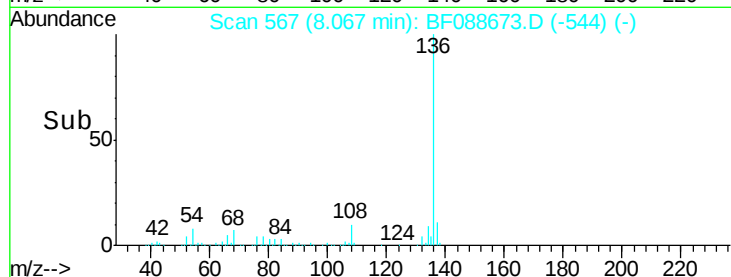


Abundance Ion 136.00 (135.70 to 136.70): E

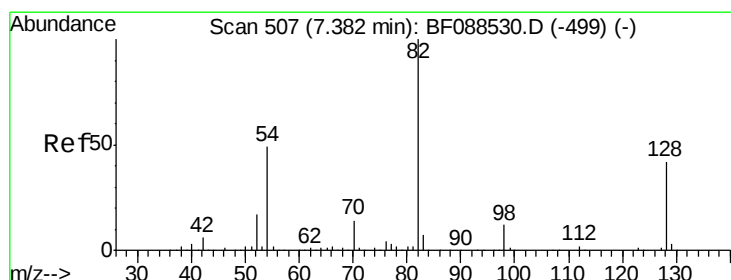
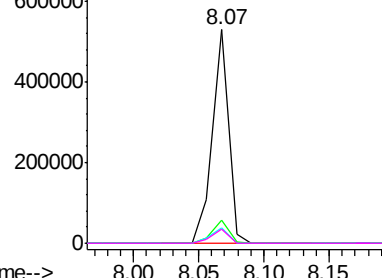
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 80.62 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

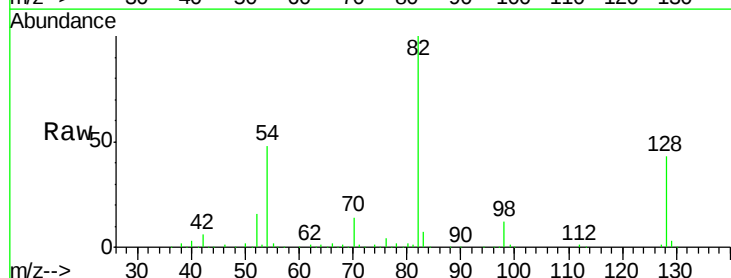
Tgt Ion: 82 Resp: 698526

Ion Ratio Lower Upper

82 100

128 42.6 35.9 53.9

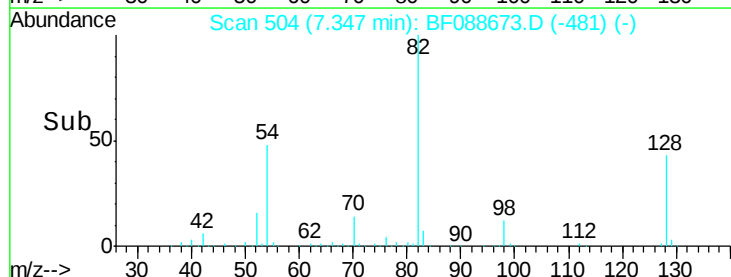
54 47.7 40.9 61.3



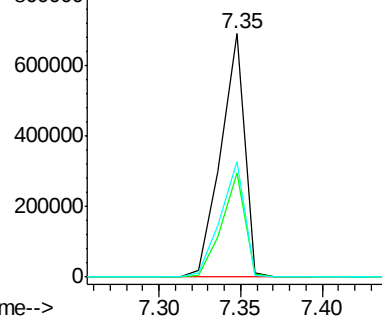
Abundance Ion 82.00 (81.70 to 82.70): BF0

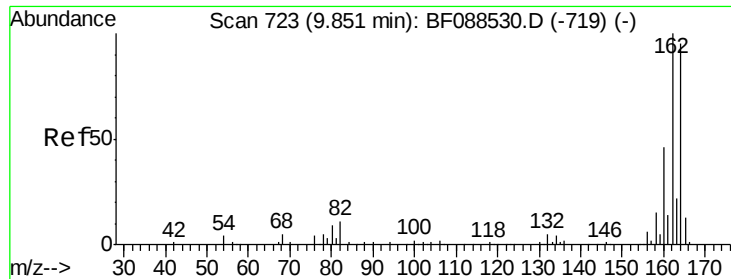
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

Instrument :

BNA_F

ClientSampleId :

LOCATION-18A-9-11

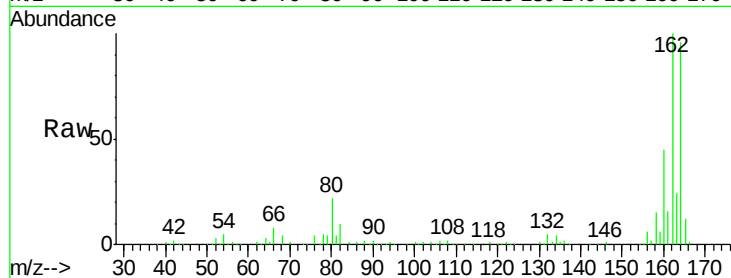
Tot Ion:164 Resp: 217797

Ion Ratio Lower Upper

164 100

162 104.3 85.4 128.2

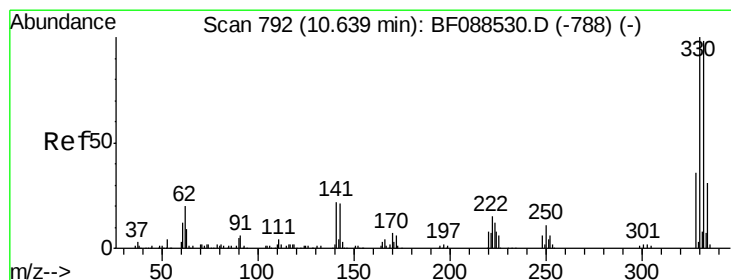
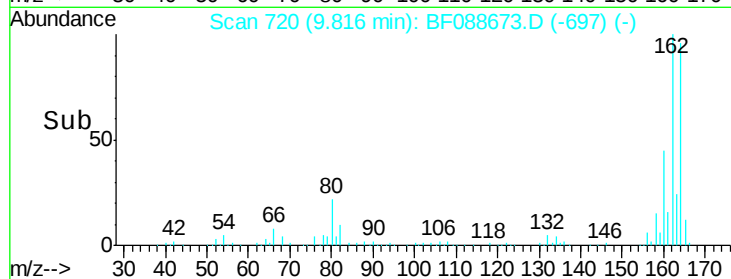
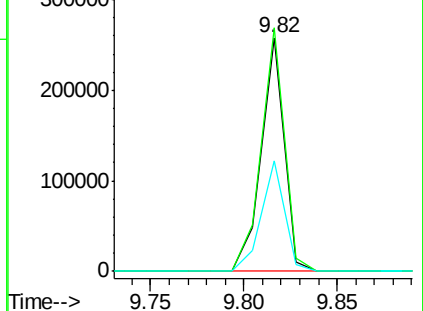
160 47.2 39.5 59.3



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: 119.72 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.03 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

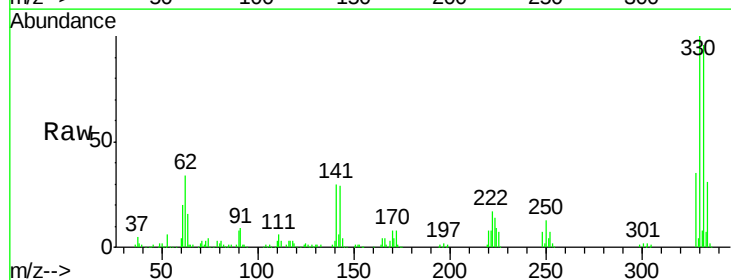
Tgt Ion:330 Resp: 242136

Ion Ratio Lower Upper

330 100

332 96.2 0.0 0.0#

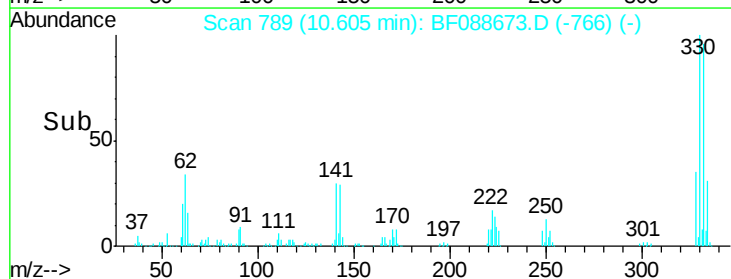
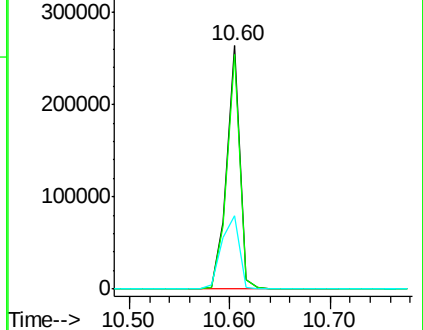
141 40.3 0.0 0.0#



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

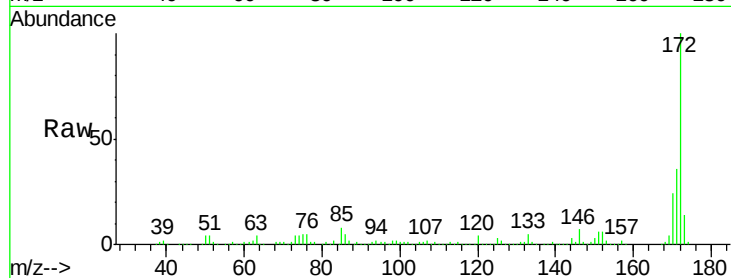




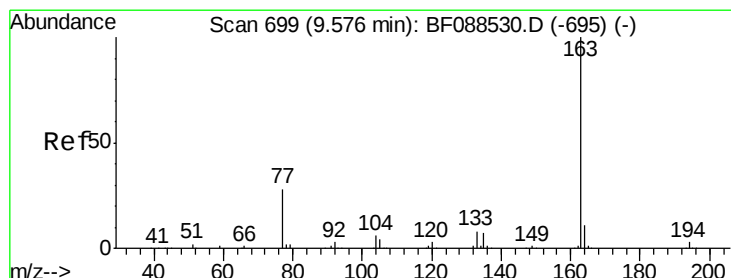
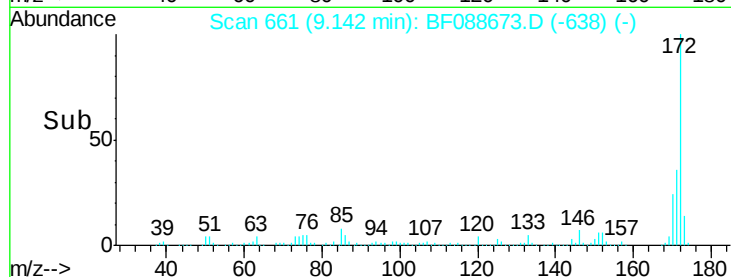
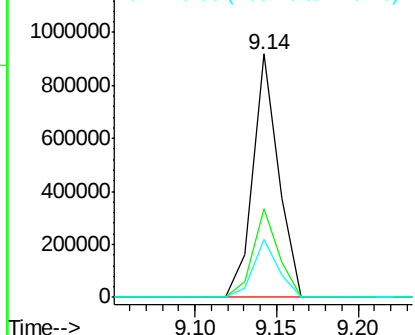
#44
2-Fluorobiphenyl
Concen: 72.50 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF088673.D
Acq: 4 Jul 2016 3:41

Instrument :
BNA_F
ClientSampleId :
LOCATION-18A-9-11

Tot Ion:172 Resp: 999585
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.0 19.2 28.8

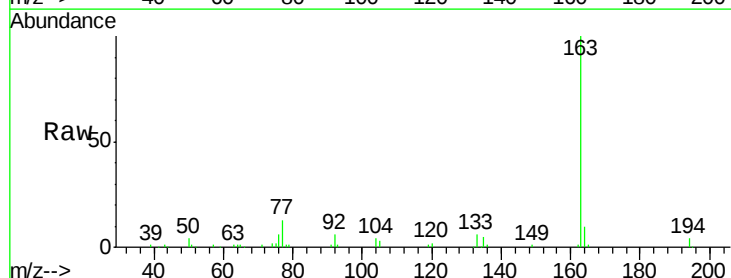


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

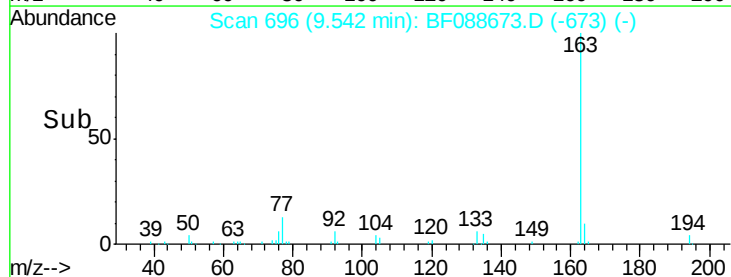
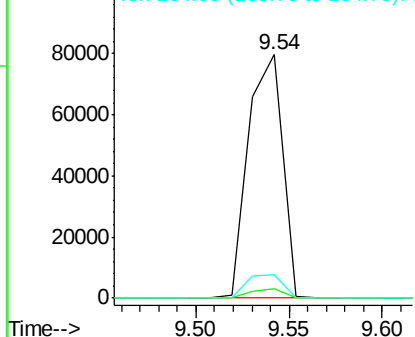


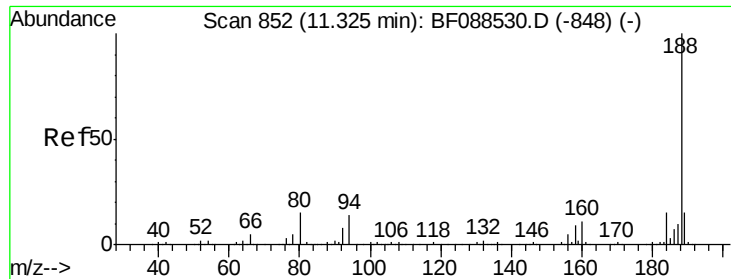
#49
Dimethylphthalate
Concen: 6.51 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088673.D
Acq: 4 Jul 2016 3:41

Tgt Ion:163 Resp: 101080
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.8 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

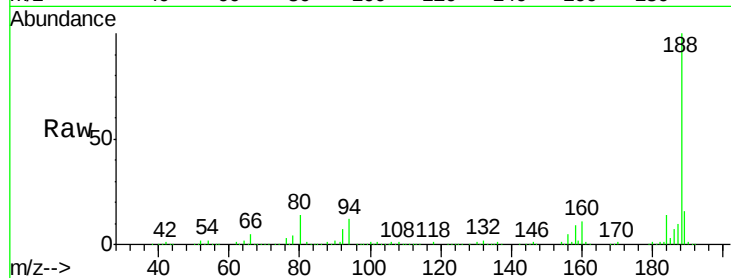




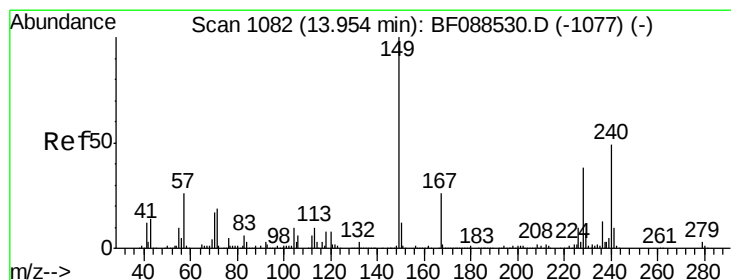
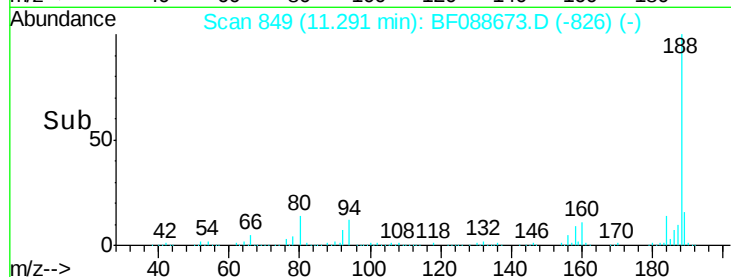
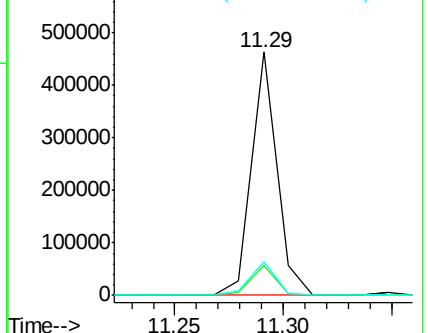
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088673.D
Acq: 4 Jul 2016 3:41

Instrument :
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ClientSampleId :
LOCATION-18A-9-11

Tot Ion:188 Resp: 376830
Ion Ratio Lower Upper
188 100
94 12.0 9.0 13.6
80 13.6 10.0 15.0

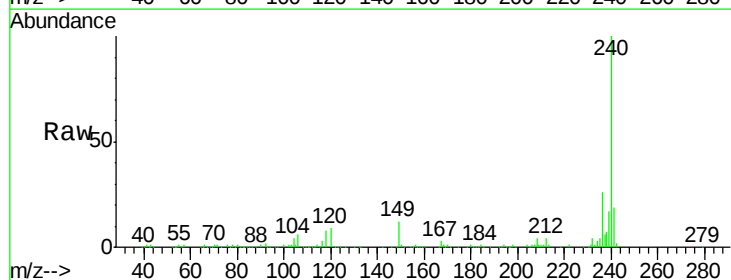


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

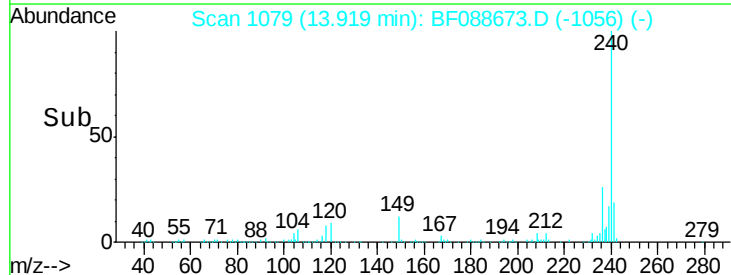
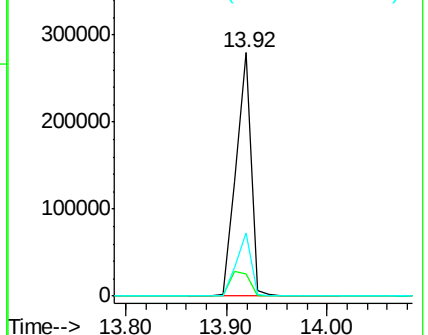


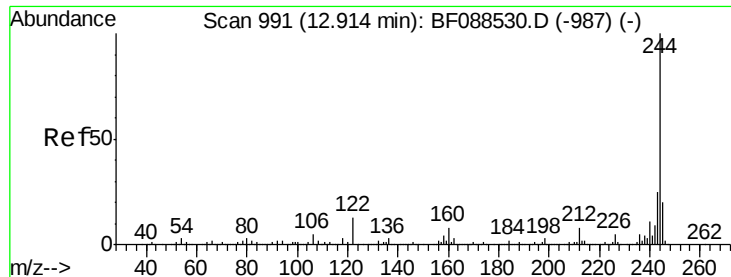
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088673.D
Acq: 4 Jul 2016 3:41

Tgt Ion:240 Resp: 290896
Ion Ratio Lower Upper
240 100
120 8.9 6.8 10.2
236 25.9 20.2 30.2



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: 67.35 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

Instrument :

BNA_F

ClientSampleId :

LOCATION-18A-9-11

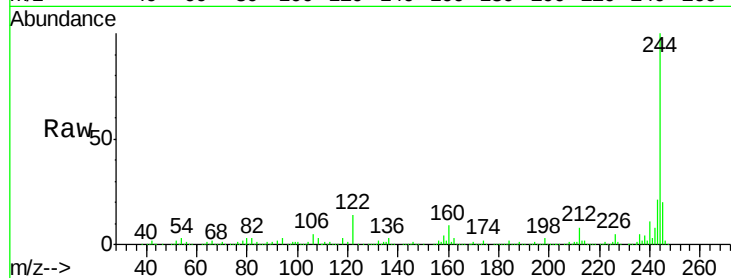
Tot Ion:244 Resp: 879571

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

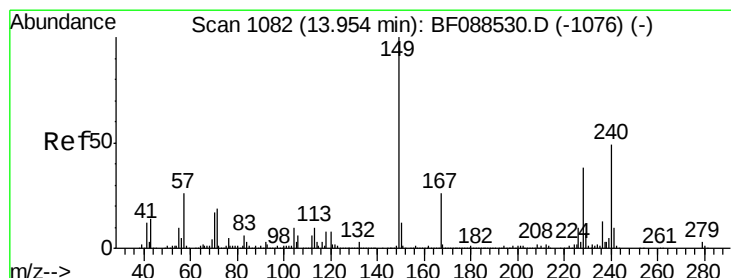
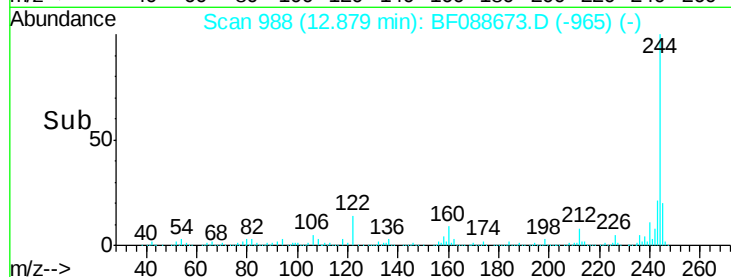
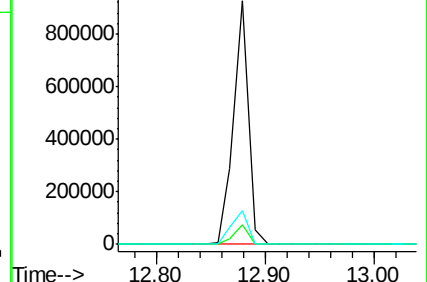
122 13.8 11.2 16.8



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: 8.86 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.05 min

Lab File: BF088673.D

Acq: 4 Jul 2016 3:41

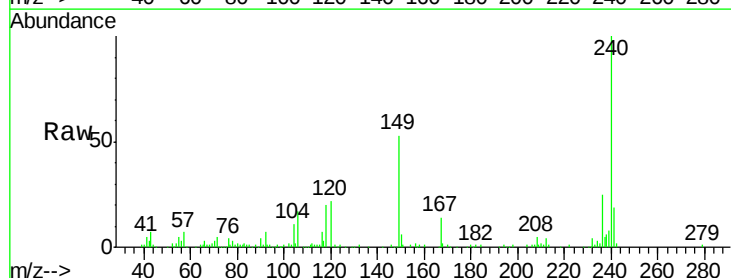
Tgt Ion:149 Resp: 111281

Ion Ratio Lower Upper

149 100

167 26.2 20.5 30.7

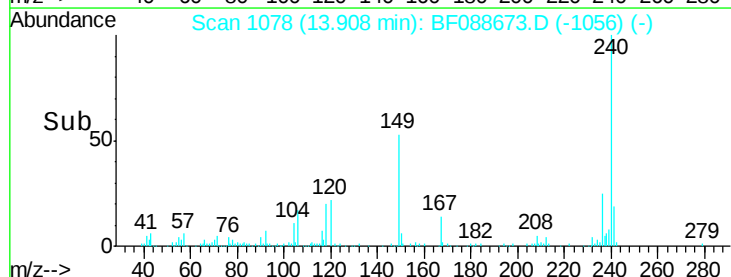
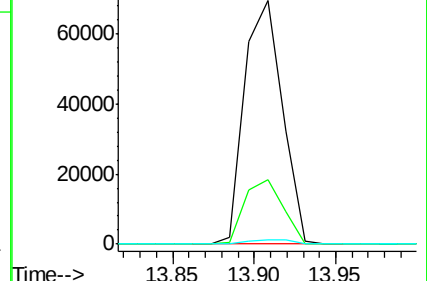
279 1.8 2.0 3.0#

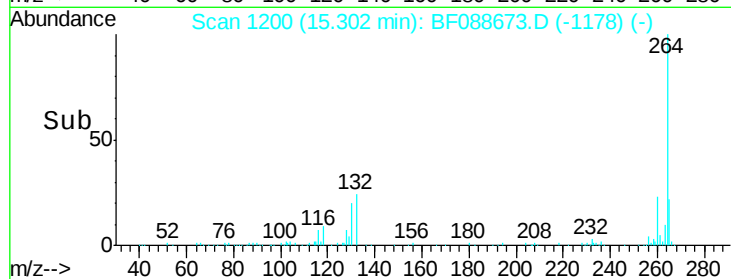
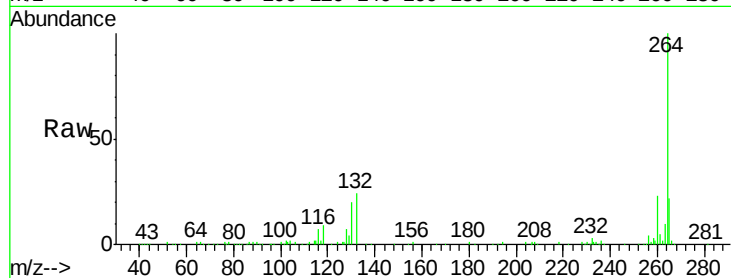
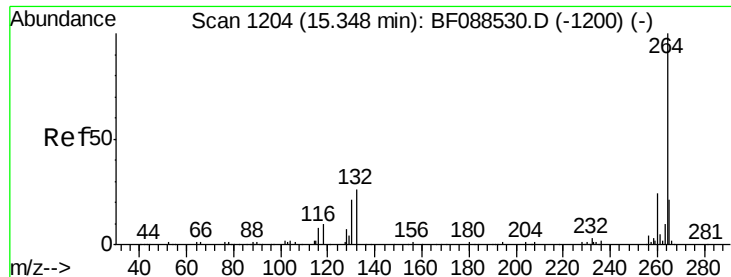


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1200
 Delta R.T. -0.05 min
 Lab File: BF088673.D
 Acq: 4 Jul 2016 3:41

Instrument :
 BNA_F
 ClientSampleId :
 LOCATION-18A-9-11

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.5	16.9	25.3

