

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093966.D
 Acq On : 28 Mar 2017 2:26
 Operator : SJ/MA
 Sample : I2384-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001

Quant Time: Mar 28 06:48:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

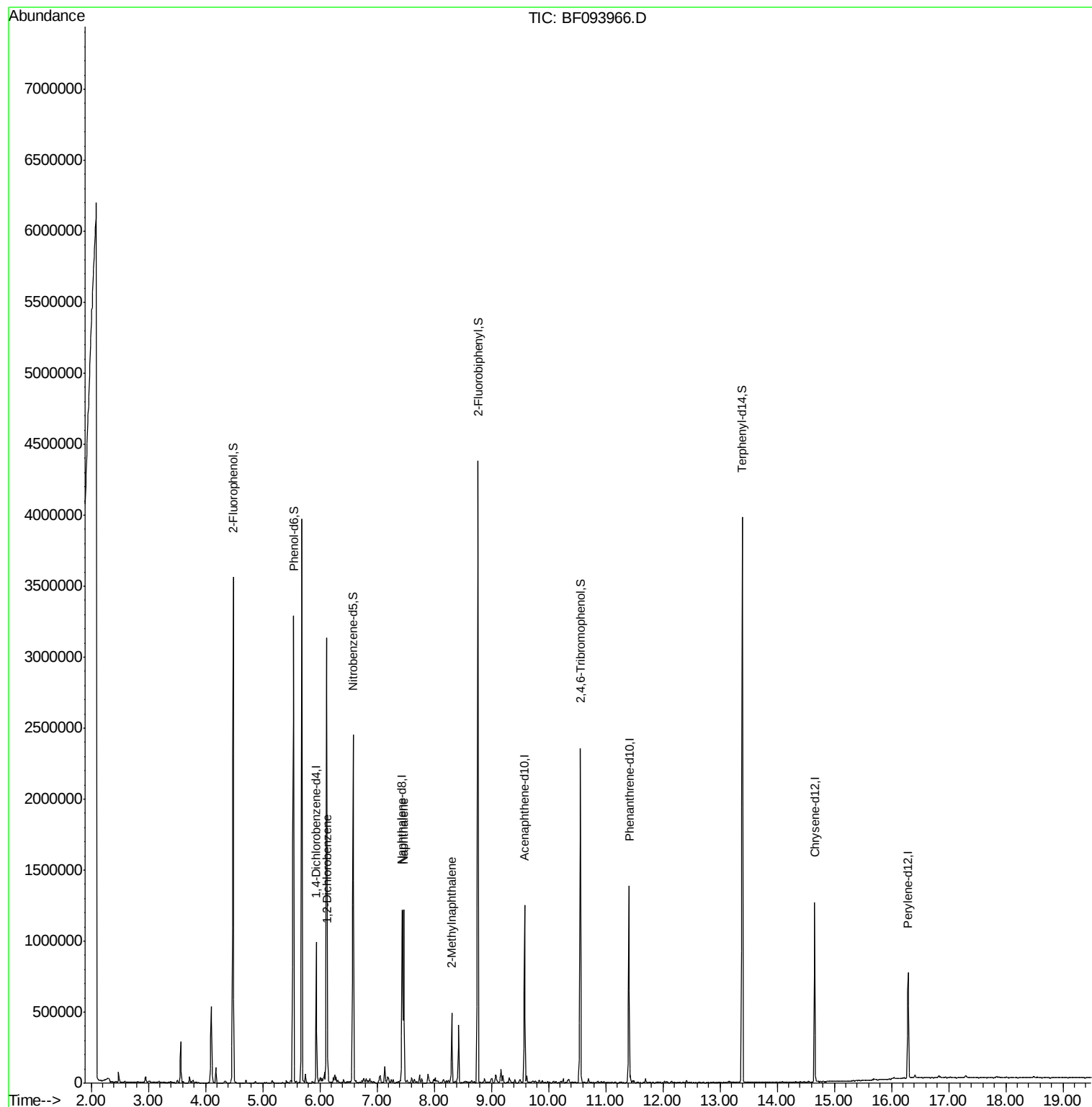
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	160073	20.00	ng	-0.01
21) Naphthalene-d8	7.44	136	638139	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	296142	20.00	ng	-0.02
63) Phenanthrene-d10	11.41	188	557889	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	473183	20.00	ng	-0.02
86) Perylene-d12	16.29	264	294817	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.49	112	1200450	126.67	ng	0.01
7) Phenol-d6	5.54	99	1473530	125.68	ng	-0.01
23) Nitrobenzene-d5	6.59	82	982637	87.88	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	369343	157.83	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1778568	91.60	ng	-0.01
78) Terphenyl-d14	13.39	244	1668236	79.03	ng	-0.01
Target Compounds						Qvalue
14) 1,2-Dichlorobenzene	6.13	146	71071	6.52	ng	94
31) Naphthalene	7.47	128	656562	21.40	ng	99
37) 2-Methylnaphthalene	8.31	142	148973	7.28	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: 5.94 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001

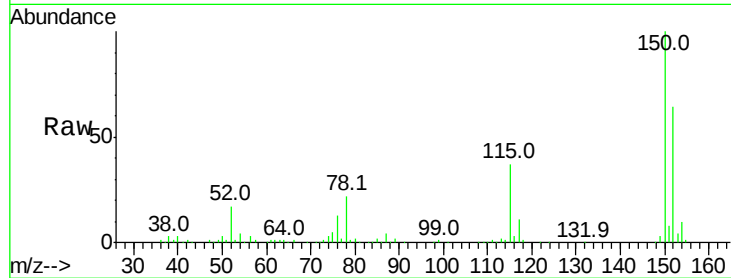
Tot Ion:152 Resp: 160073

Ion Ratio Lower Upper

152 100

150 157.3 126.2 189.2

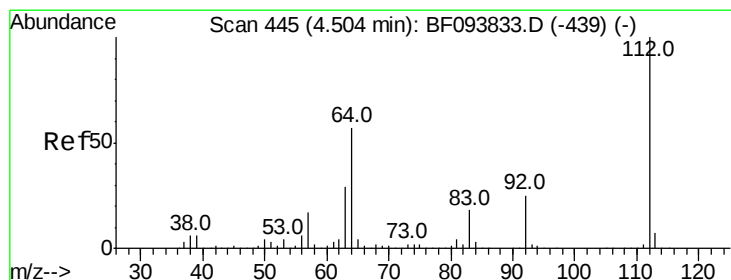
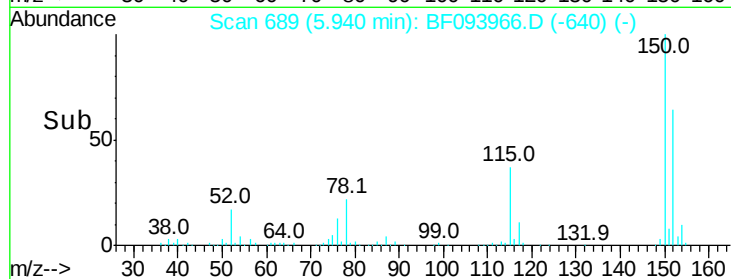
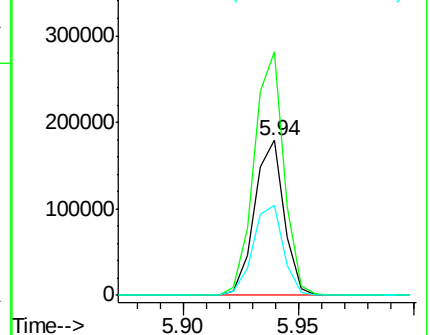
115 58.1 52.2 78.2



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: 126.67 ng

RT: 4.49 min Scan# 442

Delta R.T. 0.01 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

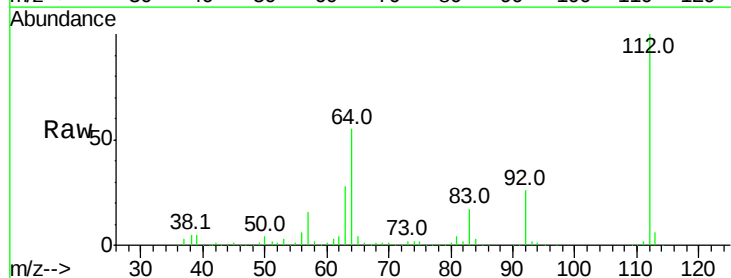
Tgt Ion:112 Resp: 1200450

Ion Ratio Lower Upper

112 100

64 55.0 46.0 69.0

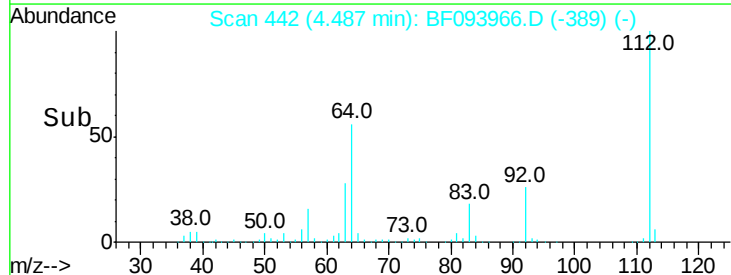
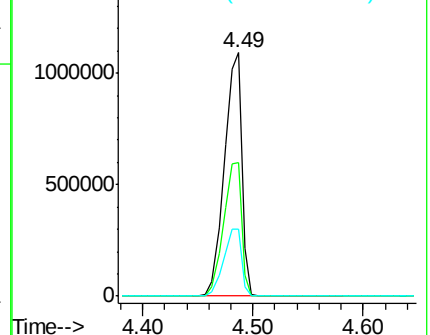
63 27.6 23.4 35.0

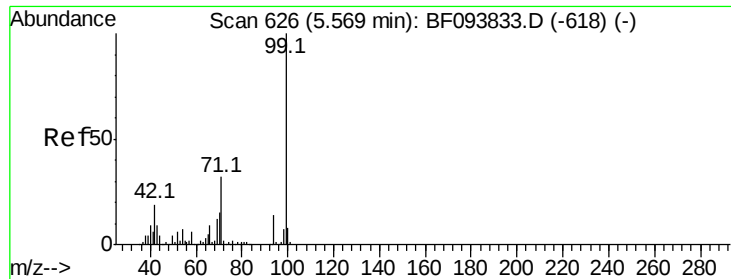


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 125.68 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001

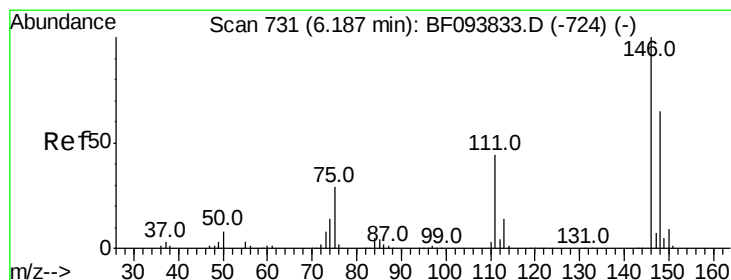
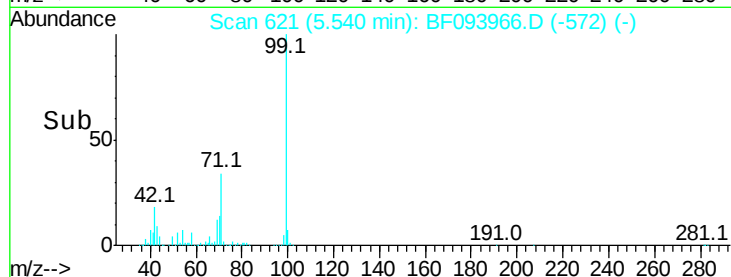
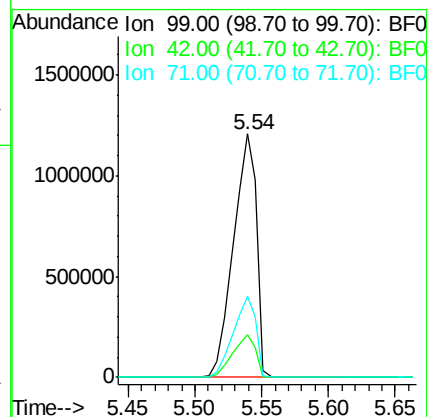
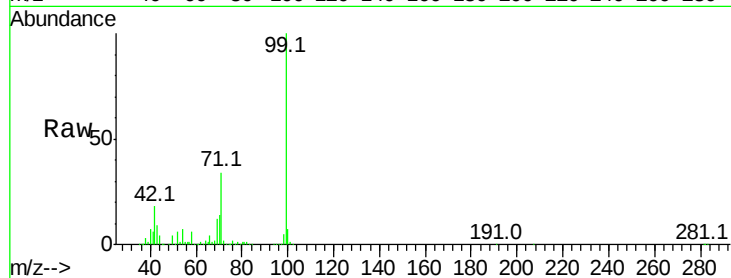
Tot Ion: 99 Resp: 1473530

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

71 33.5 24.5 36.7



#14

1,2-Dichlorobenzene

Concen: 6.52 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

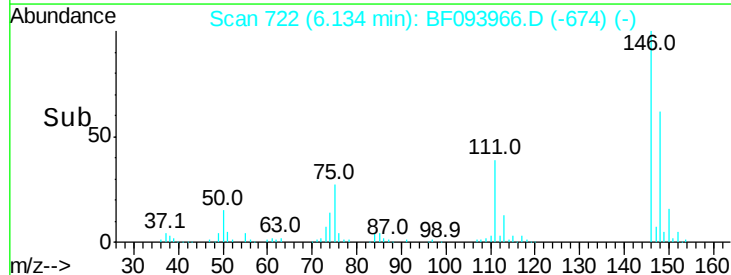
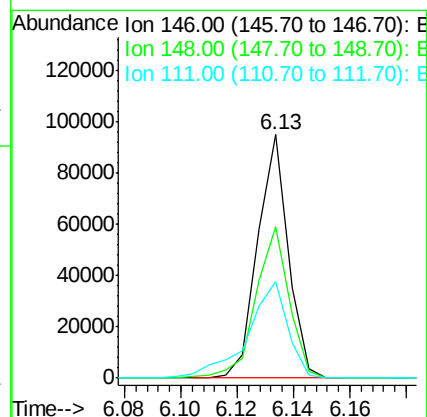
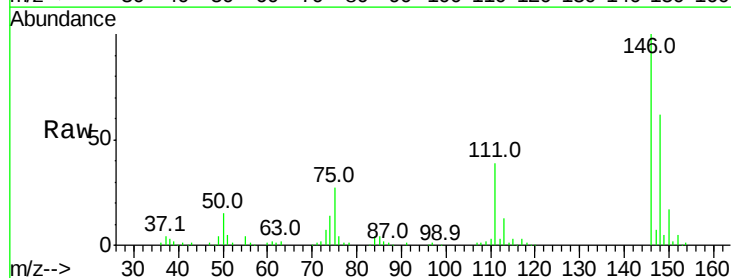
Tgt Ion: 146 Resp: 71071

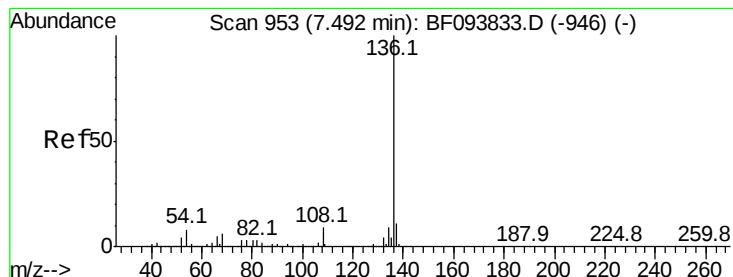
Ion Ratio Lower Upper

146 100

148 62.4 50.4 75.6

111 39.4 38.2 57.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001

Tot Ion:136 Resp: 638139

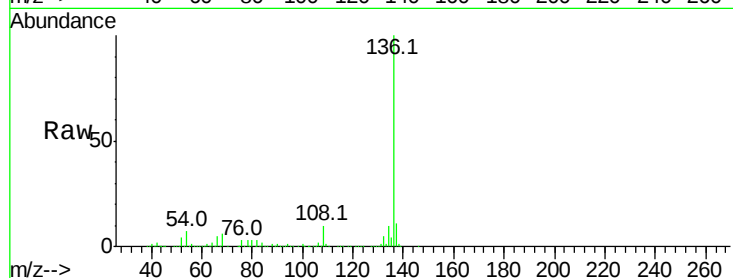
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.5 4.9 7.3#

68 5.8 4.1 6.1

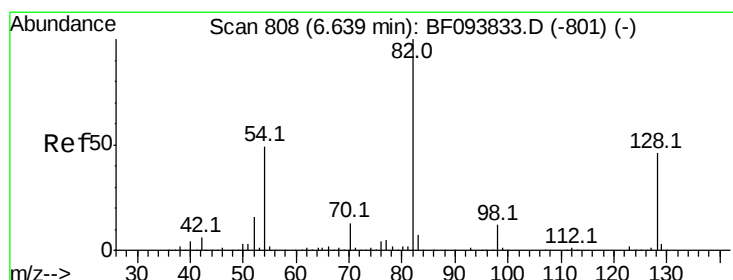
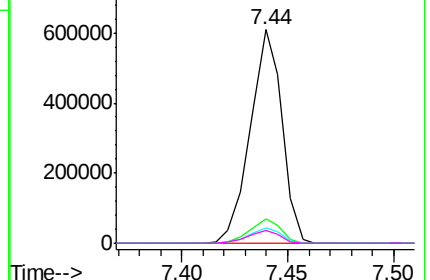
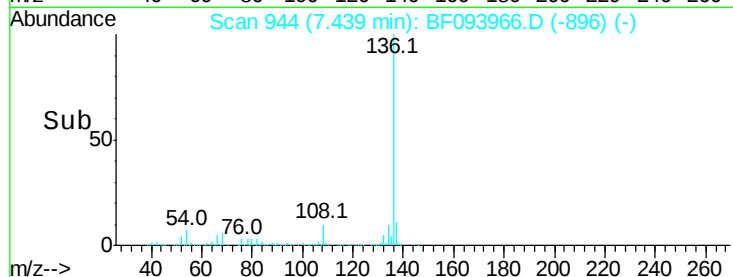


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.88 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

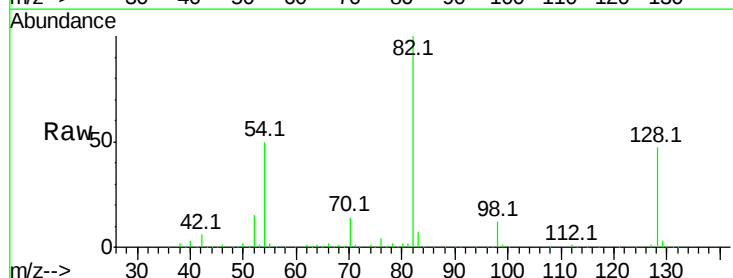
Tgt Ion: 82 Resp: 982637

Ion Ratio Lower Upper

82 100

128 46.9 34.0 51.0

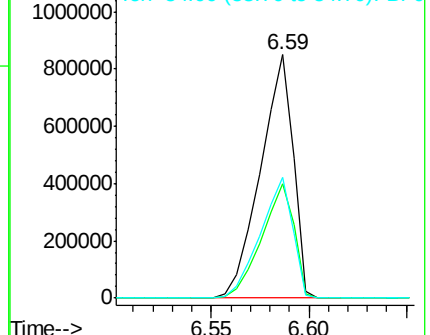
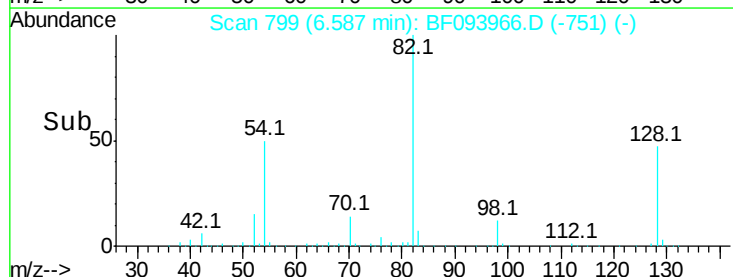
54 49.8 42.2 63.2

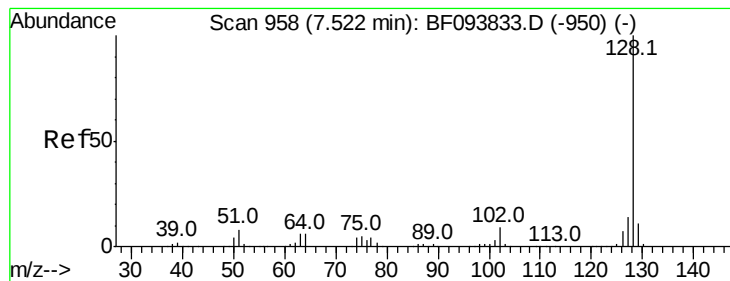


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 21.40 ng

RT: 7.47 min Scan# 949

Delta R.T. -0.02 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001

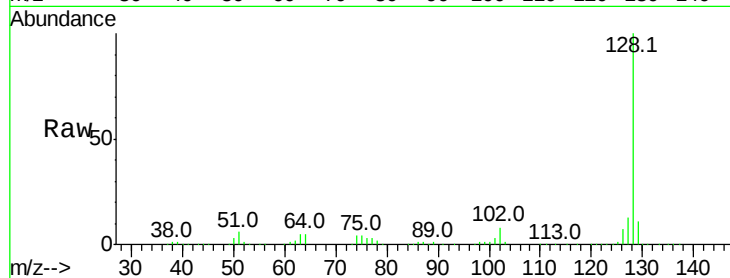
Tot Ion:128 Resp: 656562

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.6

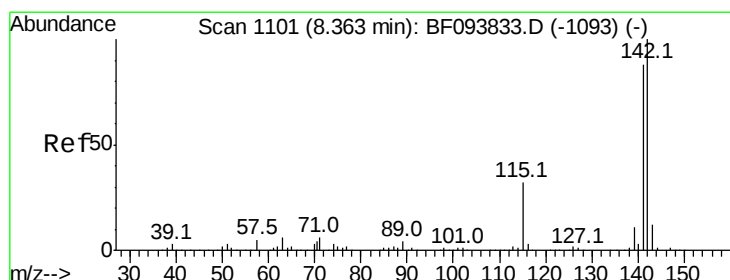
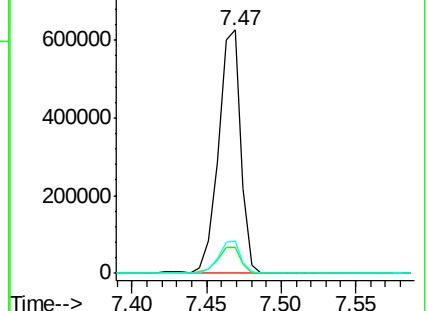
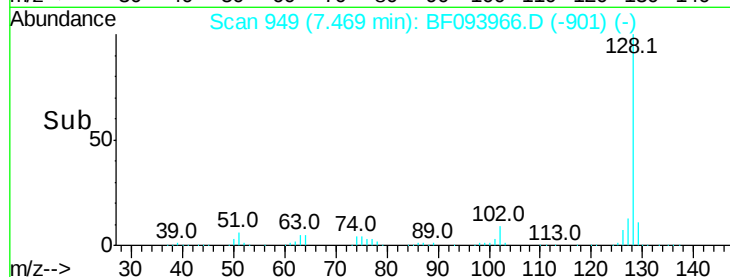
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 7.28 ng

RT: 8.31 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

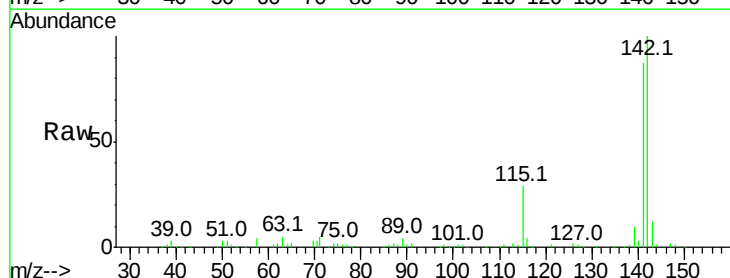
Tgt Ion:142 Resp: 148973

Ion Ratio Lower Upper

142 100

141 86.5 71.3 106.9

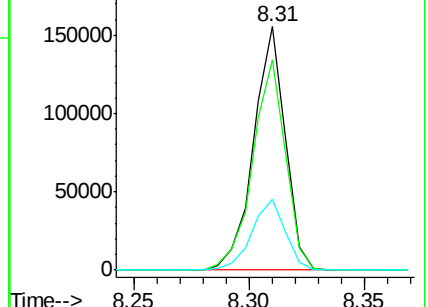
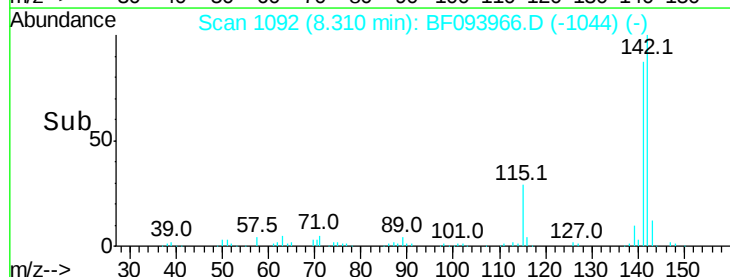
115 29.2 27.1 40.7

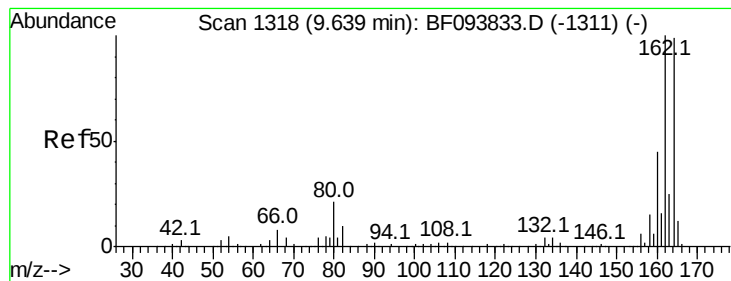


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.58 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001

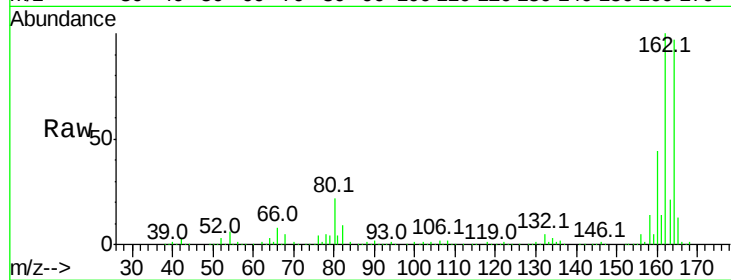
Tot Ion:164 Resp: 296142

Ion Ratio Lower Upper

164 100

162 103.0 82.6 123.8

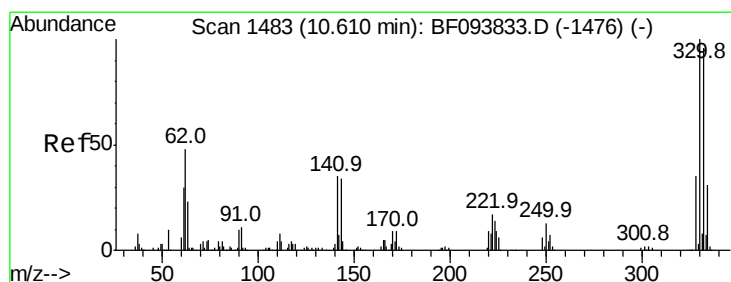
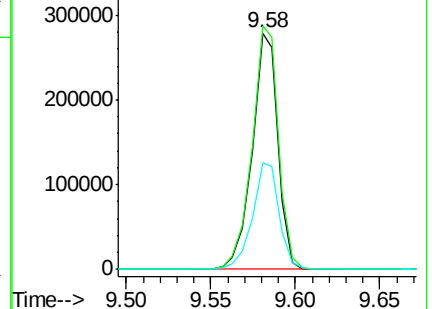
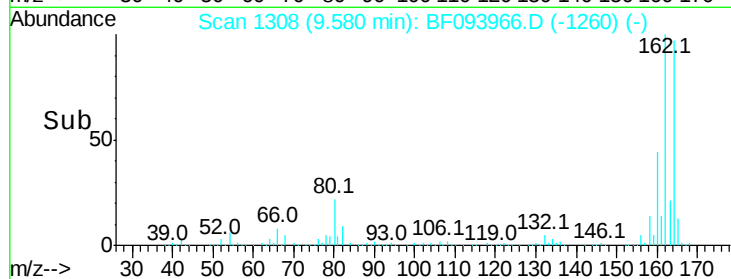
160 45.0 36.2 54.2



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: 157.83 ng

RT: 10.56 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

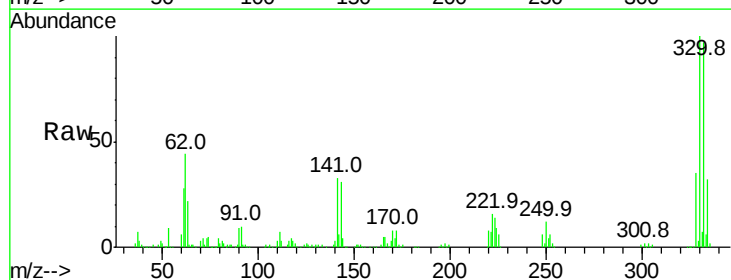
Tgt Ion:330 Resp: 369343

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

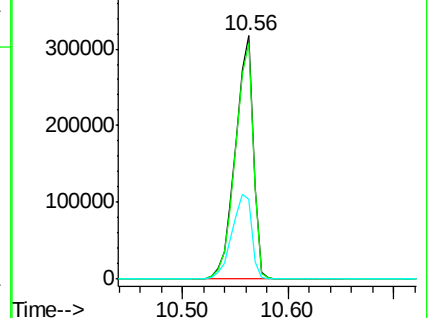
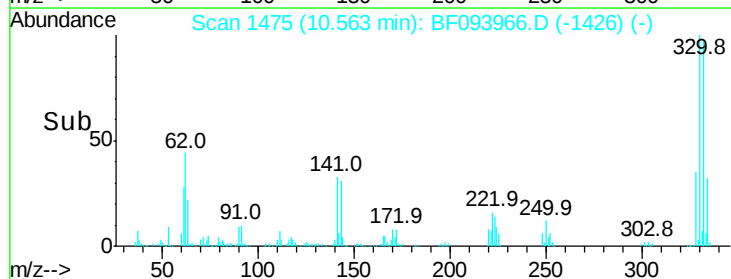
141 38.5 31.4 47.2



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

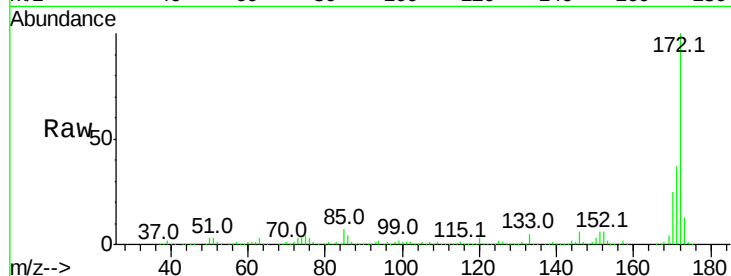




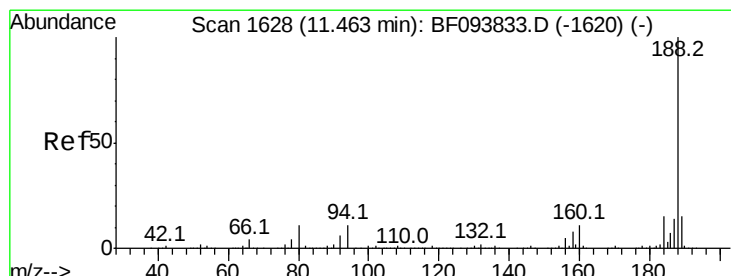
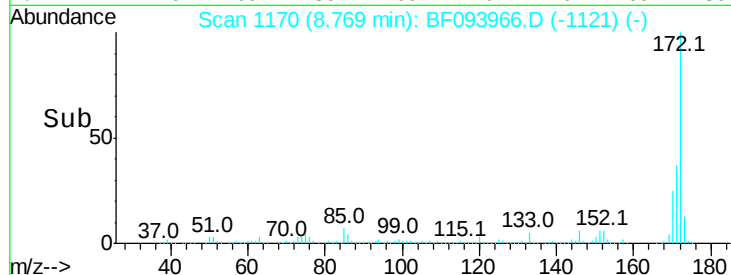
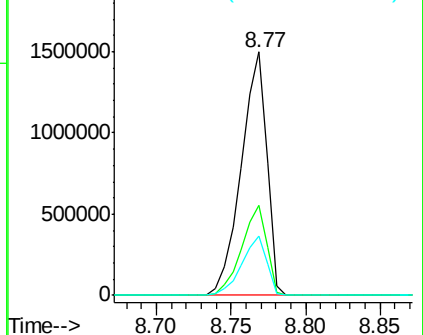
#44
2-Fluorobiphenyl
Concen: 91.60 ng
RT: 8.77 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093966.D
Acq: 28 Mar 2017 2:26

Instrument :
BNA_F
ClientSampleId :
WC-B42-B51-001

Tot Ion:172 Resp: 1778568
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.6 19.8 29.8

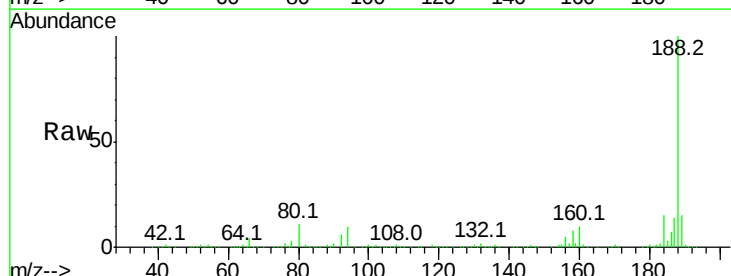


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

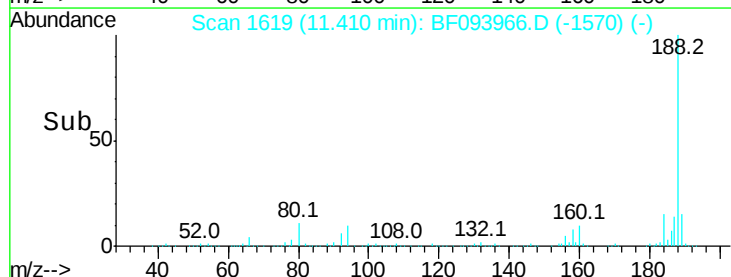
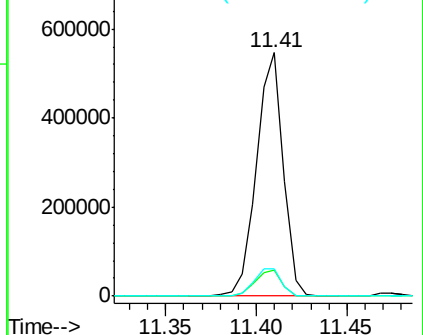


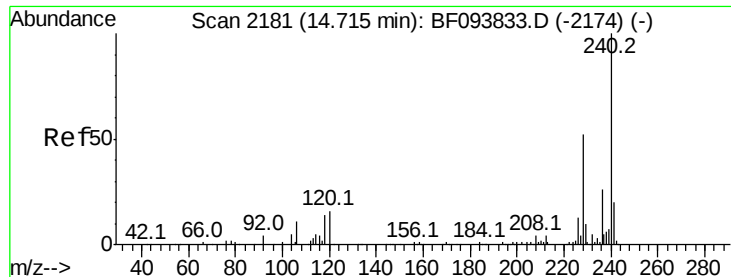
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093966.D
Acq: 28 Mar 2017 2:26

Tgt Ion:188 Resp: 557889
Ion Ratio Lower Upper
188 100
94 10.4 9.4 14.2
80 11.4 10.2 15.2



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: 14.66 min Scan# 2171

Delta R.T. -0.02 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

Instrument :

BNA_F

ClientSampleId :

WC-B42-B51-001

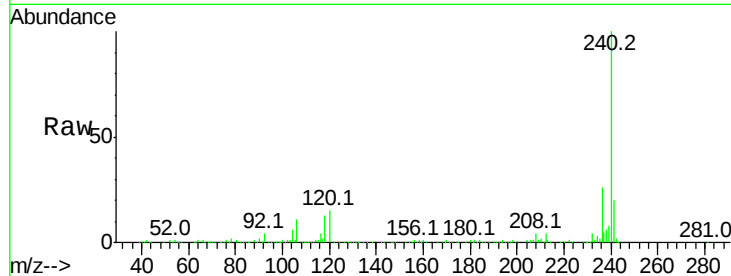
Tot Ion:240 Resp: 473183

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

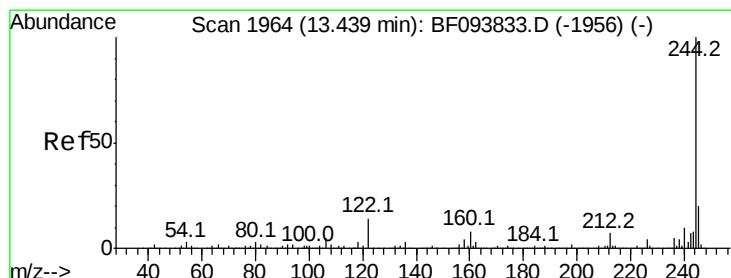
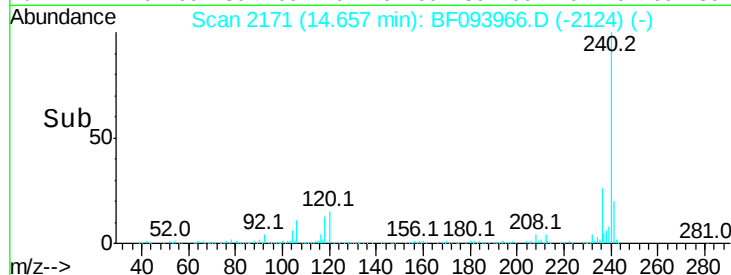
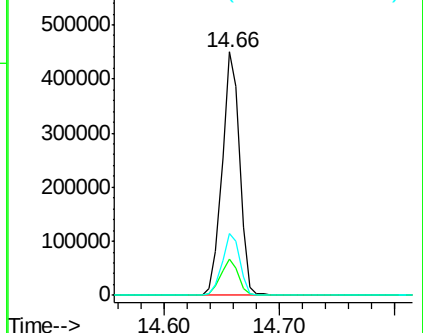
236 25.7 20.5 30.7



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: 79.03 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093966.D

Acq: 28 Mar 2017 2:26

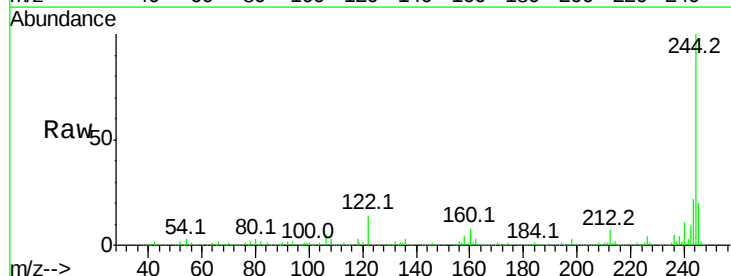
Tgt Ion:244 Resp: 1668236

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

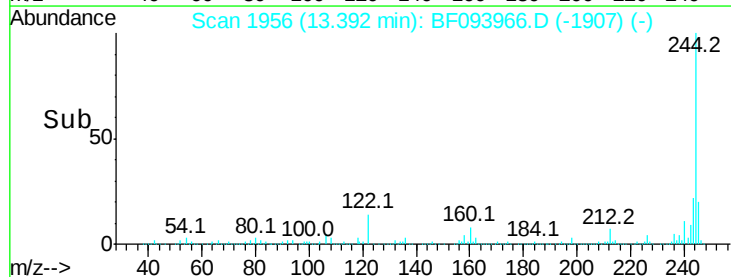
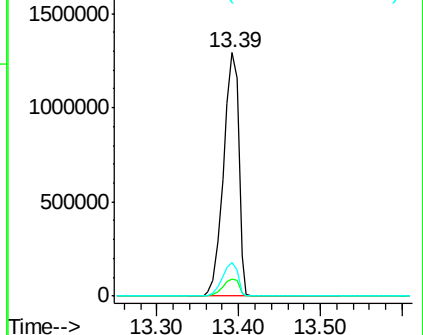
122 13.7 10.3 15.5

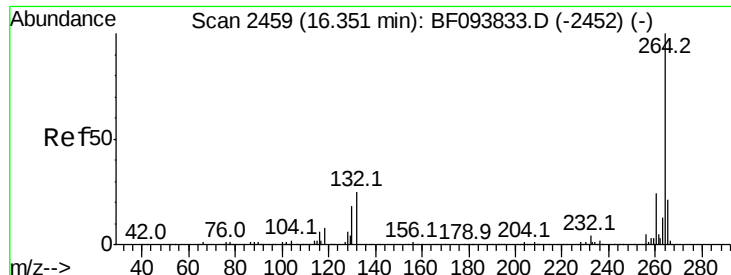


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

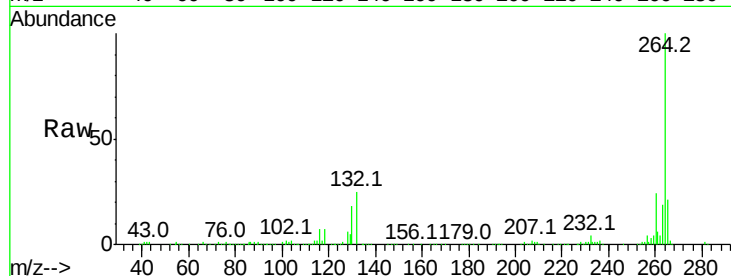




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.29 min Scan# 2449
 Delta R.T. -0.02 min
 Lab File: BF093966.D
 Acq: 28 Mar 2017 2:26

Instrument :
 BNA_F
 ClientSampleId :
 WC-B42-B51-001

Tot Ion:	264	Resp:	294817
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	20.8	17.2	25.8



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

