

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102159.D
 Acq On : 17 Jan 2018 19:27
 Operator : SJ/JU
 Sample : J1144-13
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GR-1

Quant Time: Jan 18 03:09:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

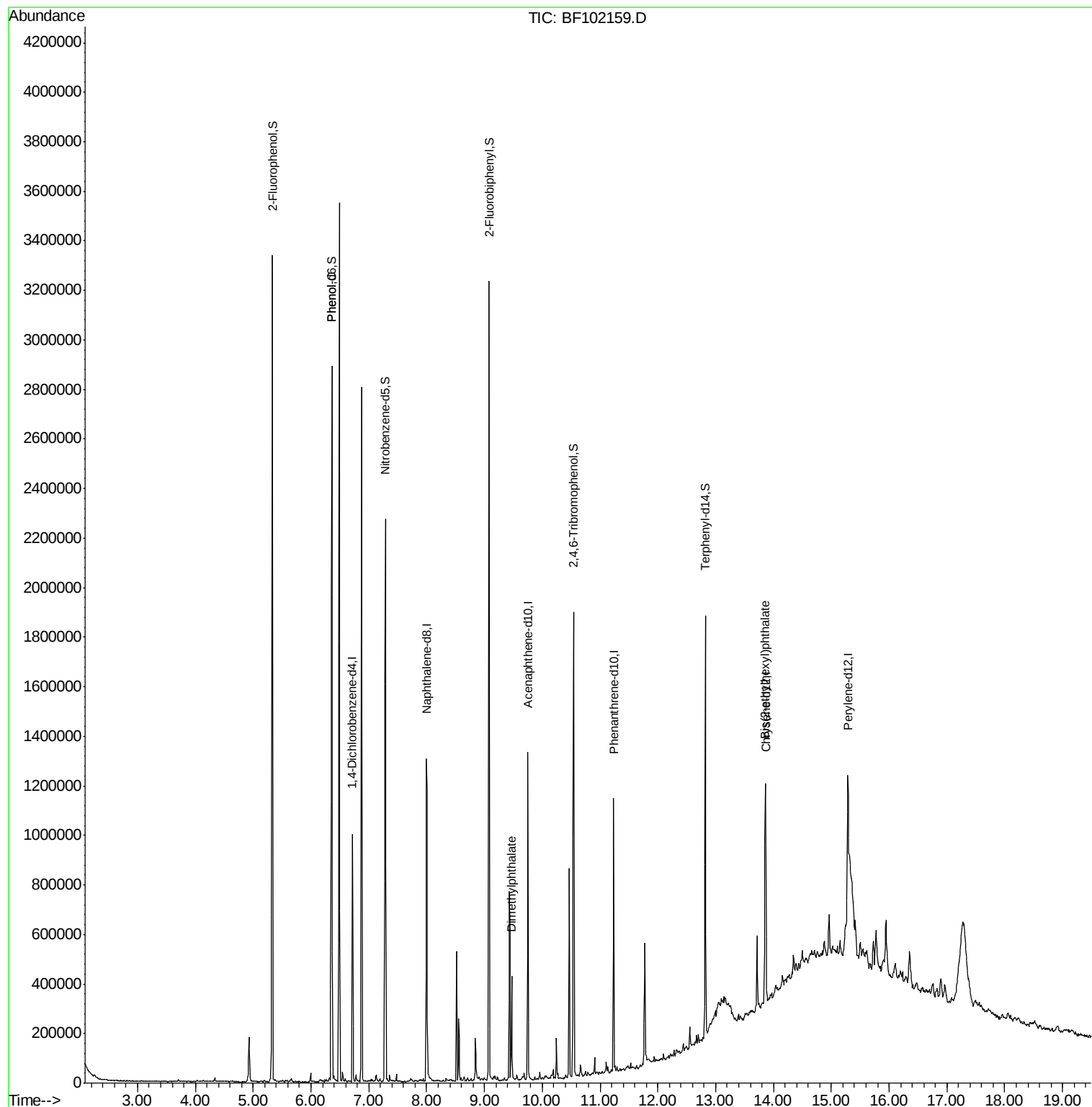
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	148674	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	575949	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	242290	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	352241	20.00	ng	0.00
75) Chrysene-d12	13.87	240	247459	20.00	ng	0.00
86) Perylene-d12	15.29	264	203257	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	986579	93.70	ng	0.01
7) Phenol-d6	6.36	99	1161569	92.47	ng	0.00
23) Nitrobenzene-d5	7.29	82	702011	71.63	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	211588	100.07	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	975871	62.92	ng	0.00
78) Terphenyl-d14	12.82	244	584969	49.08	ng	0.00
Target Compounds						
10) Phenol	6.37	94	53123	3.742	ng	95
49) Dimethylphthalate	9.47	163	172289	8.864	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	187877	16.315	ng	99

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

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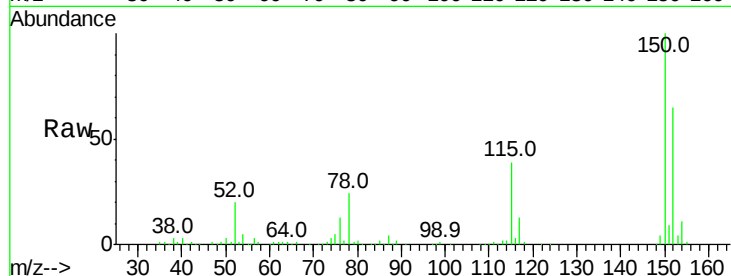


#1

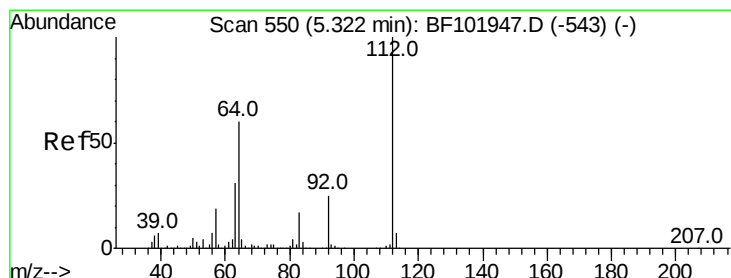
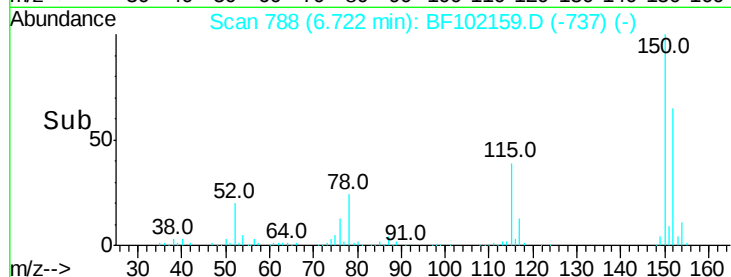
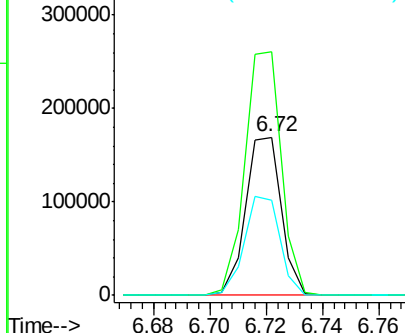
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Instrument :
BNA_F
ClientSampleId :
GR-1

Tot Ion:152 Resp: 148674
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 60.6 50.1 75.1



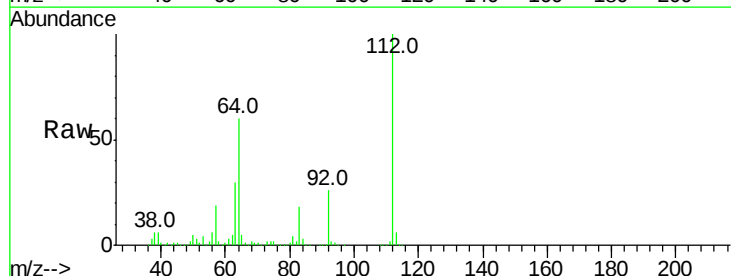
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



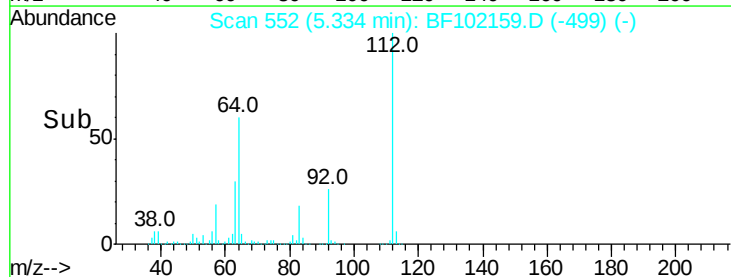
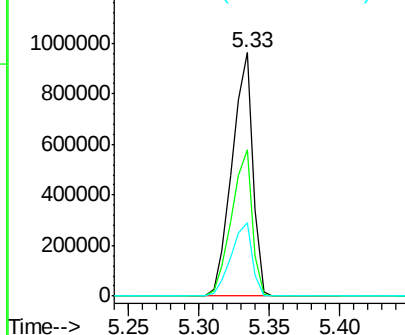
#5

2-Fluorophenol
Concen: 93.704 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Tgt Ion:112 Resp: 986579
Ion Ratio Lower Upper
112 100
64 60.1 47.9 71.9
63 30.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 92.468 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102159.D

Acq: 17 Jan 2018 19:27

Instrument :

BNA_F

ClientSampleId :

GR-1

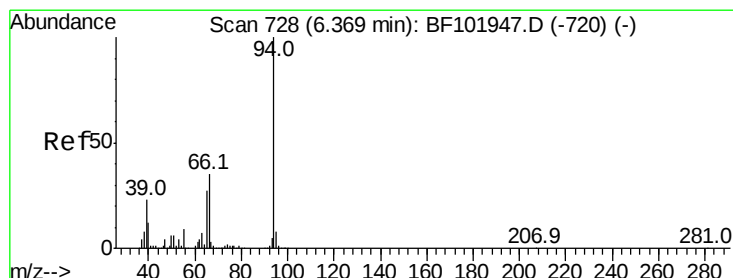
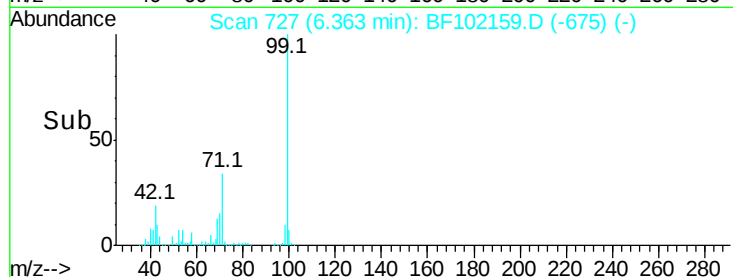
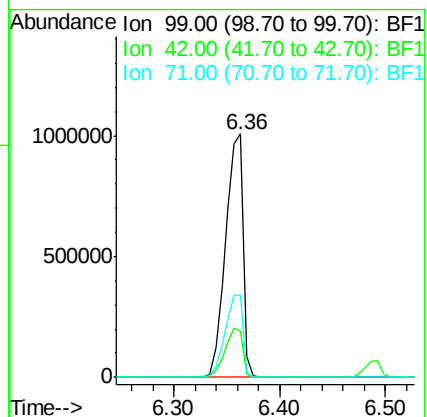
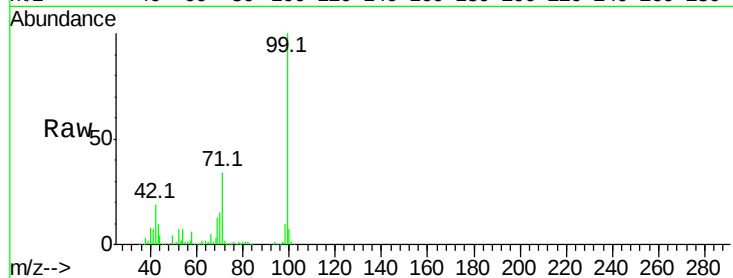
Tot Ion: 99 Resp: 1161569

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 33.9 25.4 38.0



#10

Phenol

Concen: 3.742 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102159.D

Acq: 17 Jan 2018 19:27

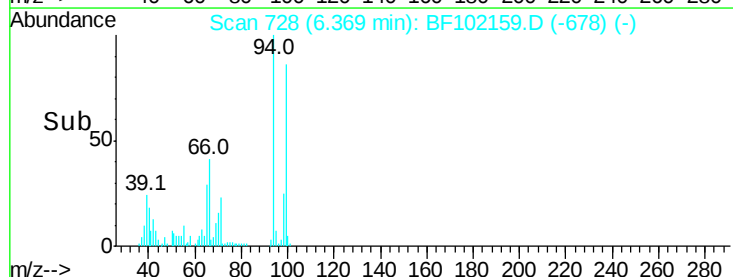
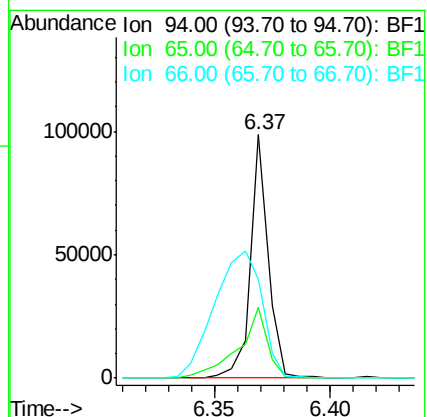
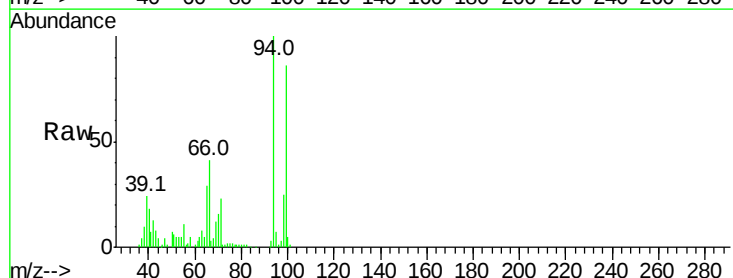
Tgt Ion: 94 Resp: 53123

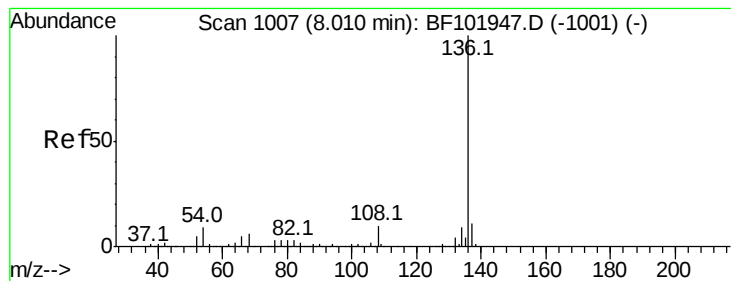
Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

66 40.5 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102159.D

Acq: 17 Jan 2018 19:27

Instrument :

BNA_F

ClientSampleId :

GR-1

Tot Ion:136 Resp: 575949

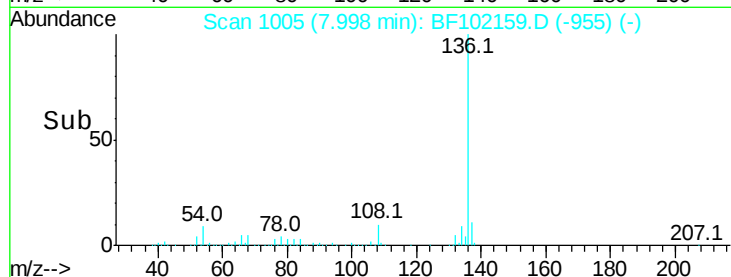
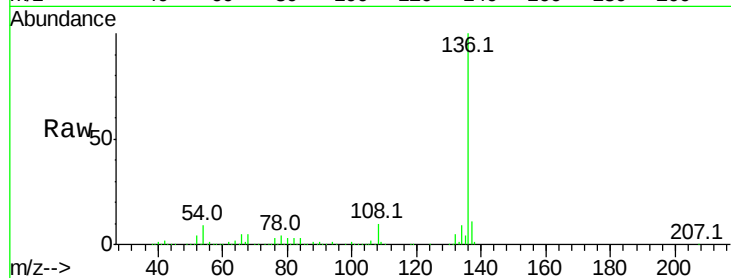
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.7 6.6 9.8

68 5.4 5.0 7.4

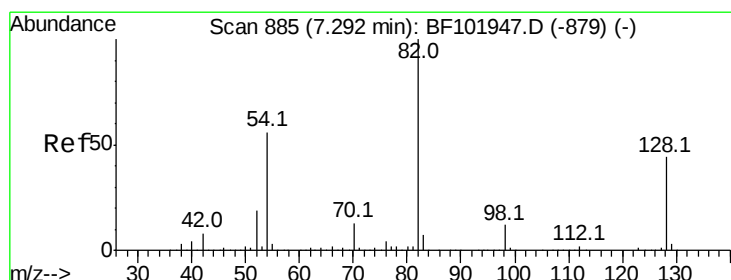
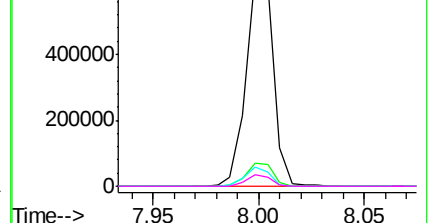


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 71.626 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102159.D

Acq: 17 Jan 2018 19:27

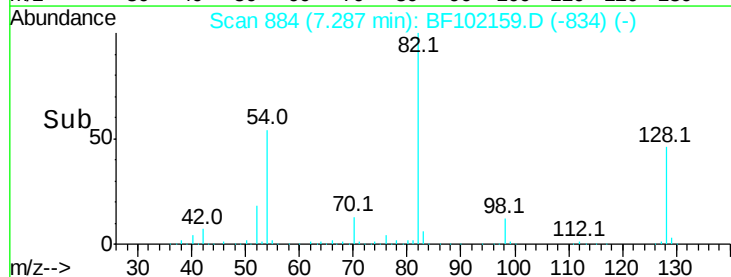
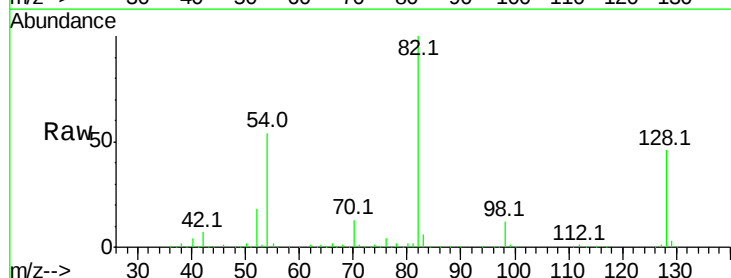
Tgt Ion: 82 Resp: 702011

Ion Ratio Lower Upper

82 100

128 46.1 36.1 54.1

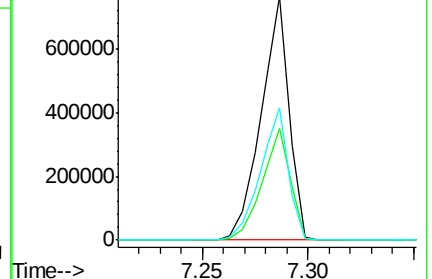
54 54.4 41.4 62.2

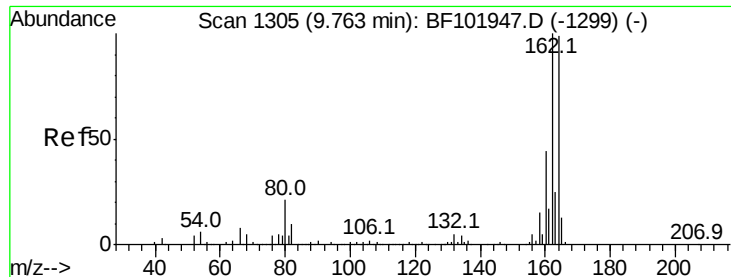


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102159.D

Acq: 17 Jan 2018 19:27

Instrument :

BNA_F

ClientSampleId :

GR-1

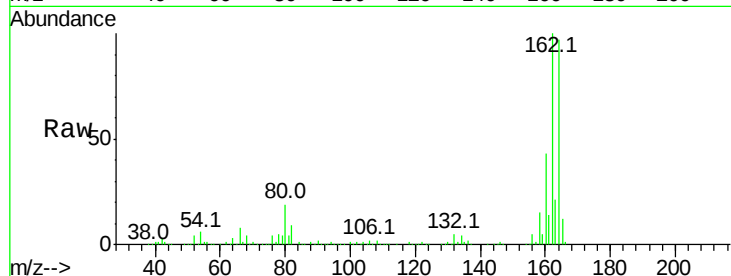
Tot Ion:164 Resp: 242290

Ion Ratio Lower Upper

164 100

162 103.0 86.1 129.1

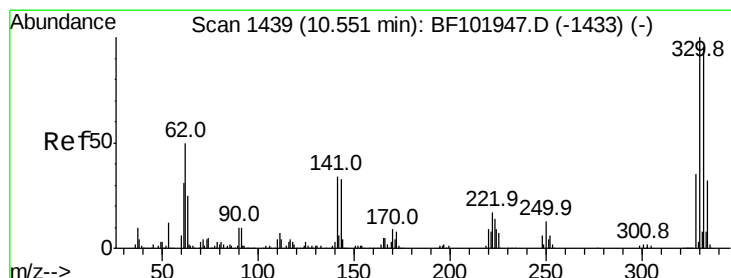
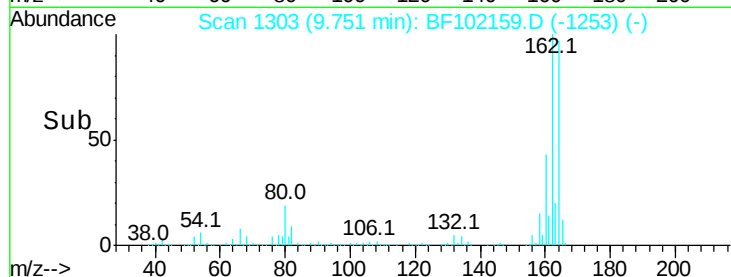
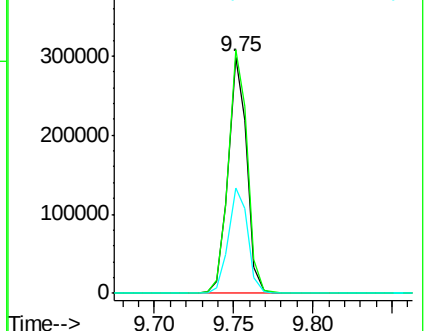
160 44.8 38.3 57.5



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: 100.068 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF102159.D

Acq: 17 Jan 2018 19:27

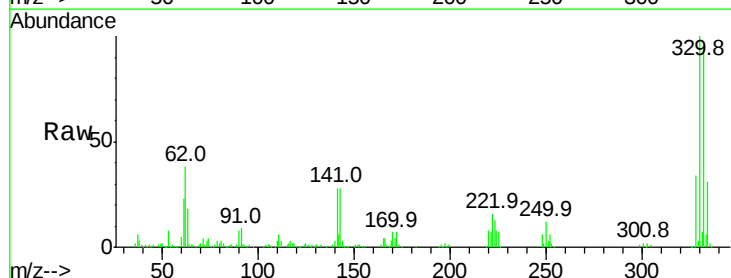
Tgt Ion:330 Resp: 211588

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.6

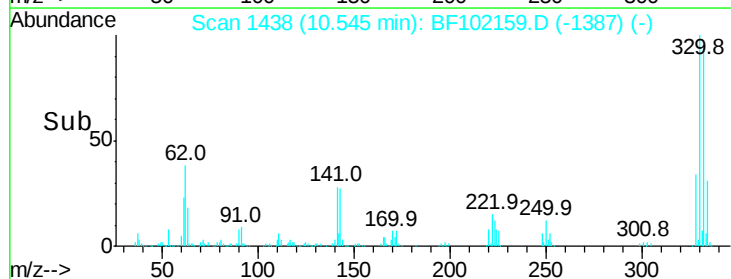
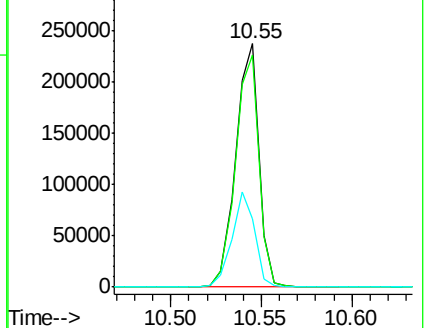
141 38.8 29.9 44.9

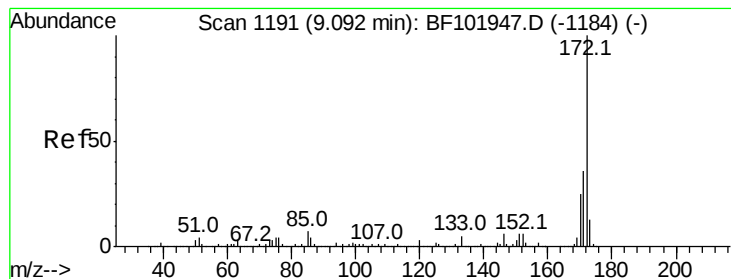


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 62.924 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF102159.D

Acq: 17 Jan 2018 19:27

Instrument :

BNA_F

ClientSampled :

GR-1

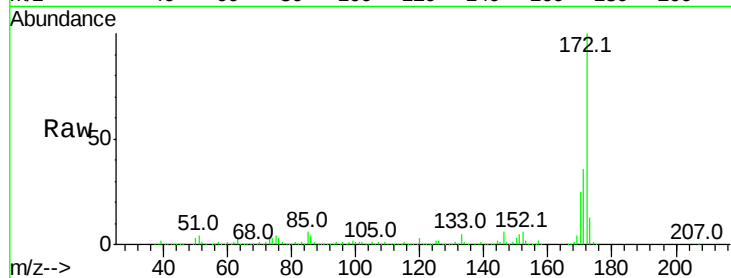
Tot Ion:172 Resp: 975871

Ion Ratio Lower Upper

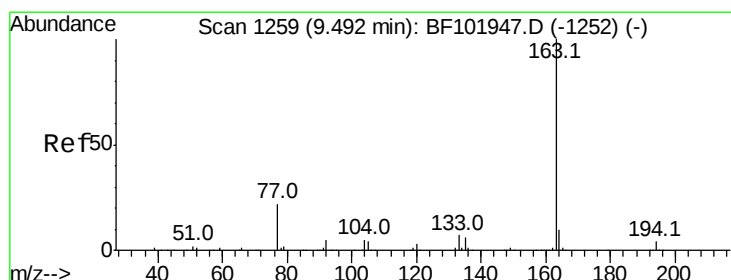
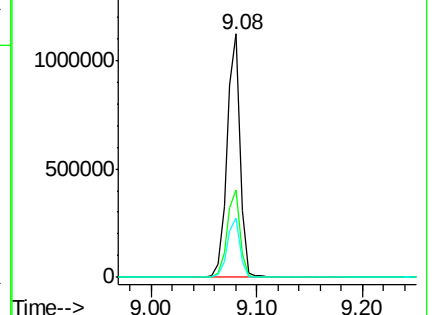
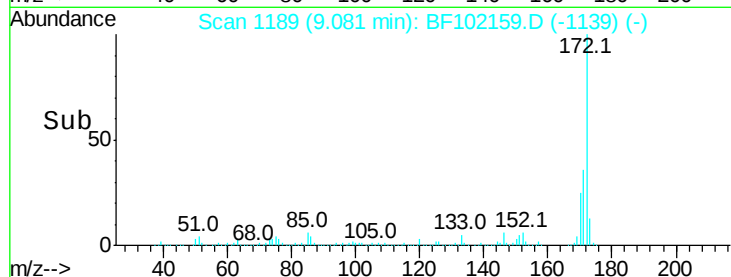
172 100

171 35.7 29.7 44.5

170 24.6 19.6 29.4



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: 8.864 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF102159.D

Acq: 17 Jan 2018 19:27

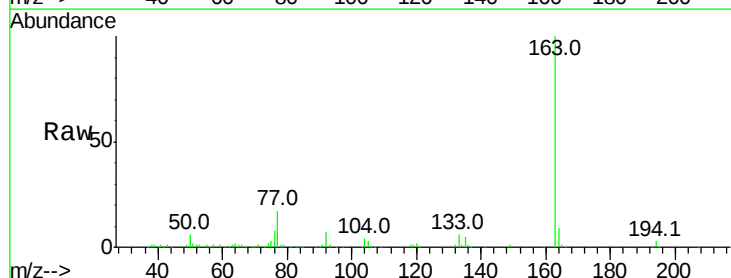
Tgt Ion:163 Resp: 172289

Ion Ratio Lower Upper

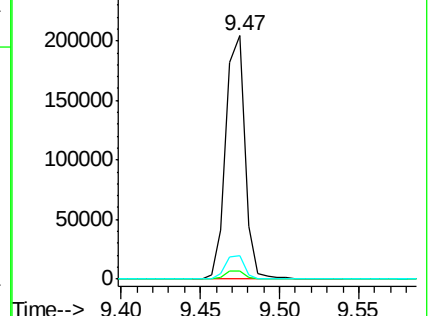
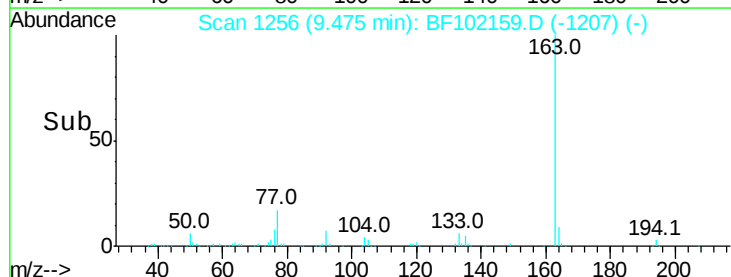
163 100

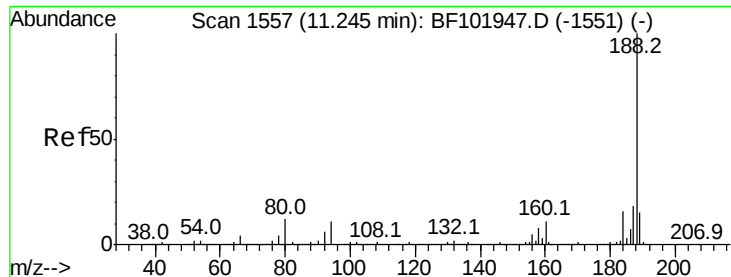
194 3.5 2.7 4.1

164 9.4 8.2 12.2



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

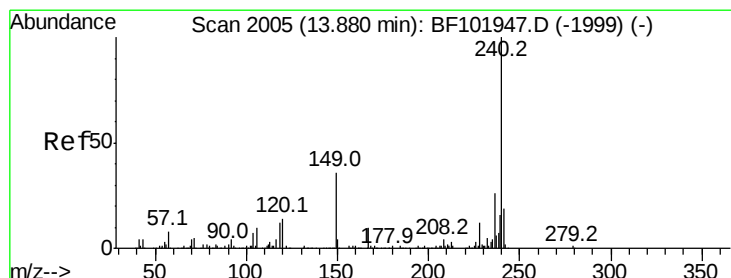
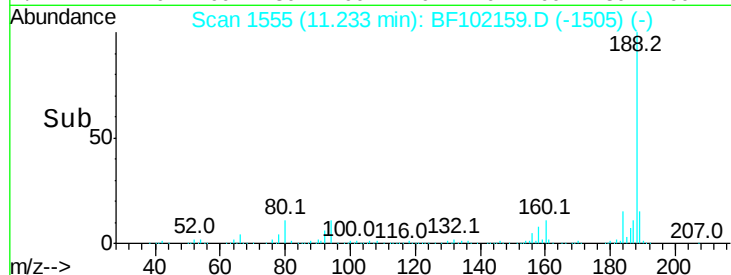
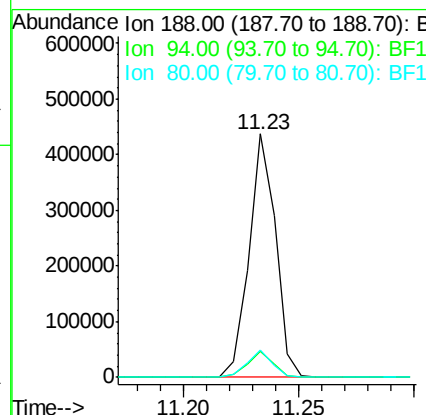
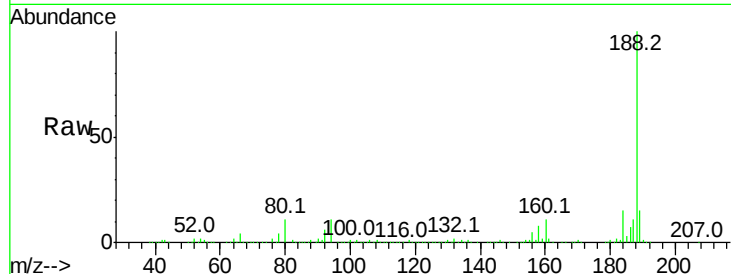




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

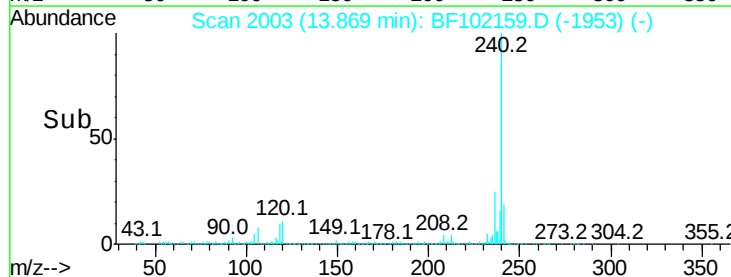
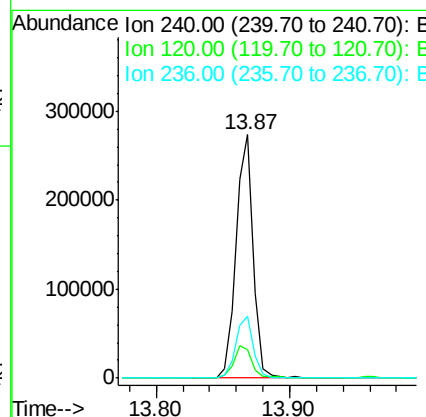
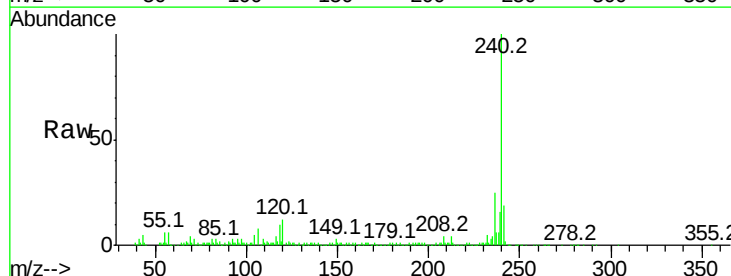
Instrument :
BNA_F
ClientSampleId :
GR-1

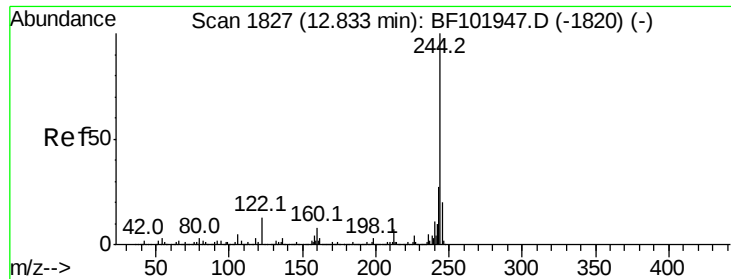
Tot Ion:188 Resp: 352241
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.2 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Tgt Ion:240 Resp: 247459
Ion Ratio Lower Upper
240 100
120 11.7 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 49.081 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102159.D

Acq: 17 Jan 2018 19:27

Instrument :

BNA_F

ClientSampleId :

GR-1

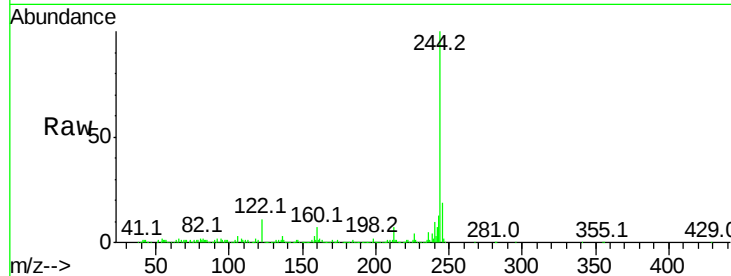
Tot Ion:244 Resp: 584969

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

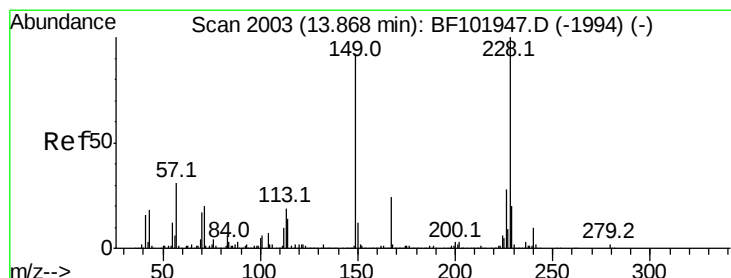
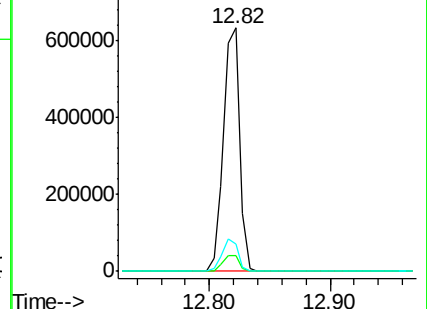
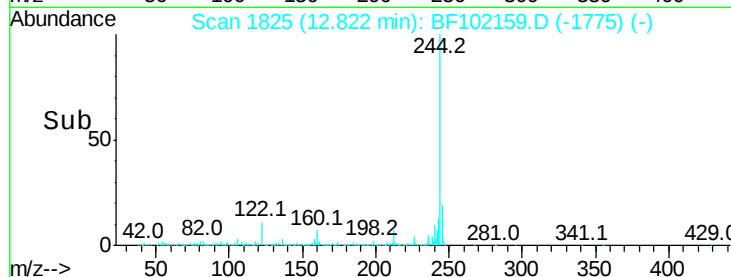
122 11.4 11.0 16.4



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: 16.315 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.00 min

Lab File: BF102159.D

Acq: 17 Jan 2018 19:27

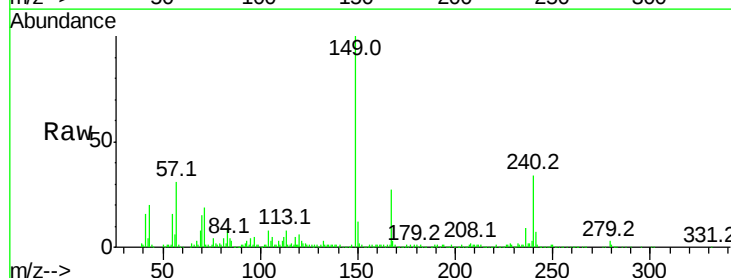
Tgt Ion:149 Resp: 187877

Ion Ratio Lower Upper

149 100

167 27.0 21.3 31.9

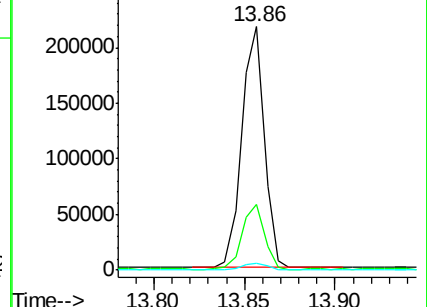
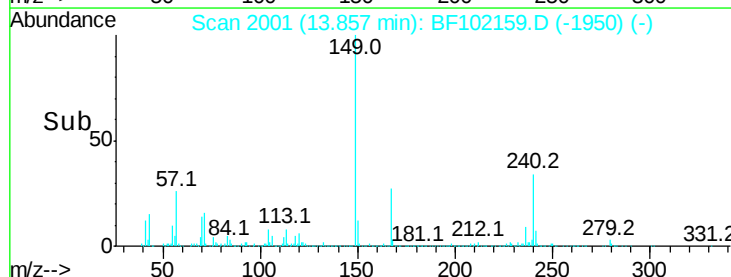
279 3.0 3.0 4.4

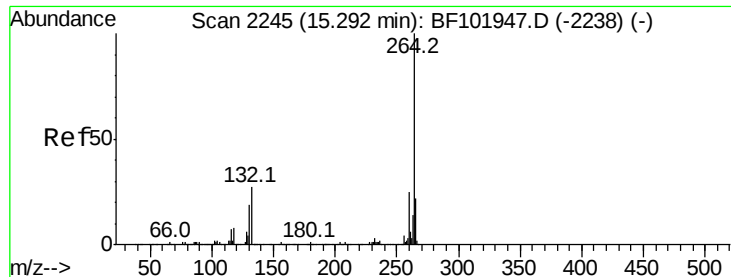


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.00 min
Lab File: BF102159.D
Acq: 17 Jan 2018 19:27

Instrument :
BNA_F
ClientSampleId :
GR-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	22.8	17.5	26.3

