

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101829.D
 Acq On : 29 Dec 2017 15:15
 Operator : SJ/JU
 Sample : I7023-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LB-3

Quant Time: Dec 29 17:01:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

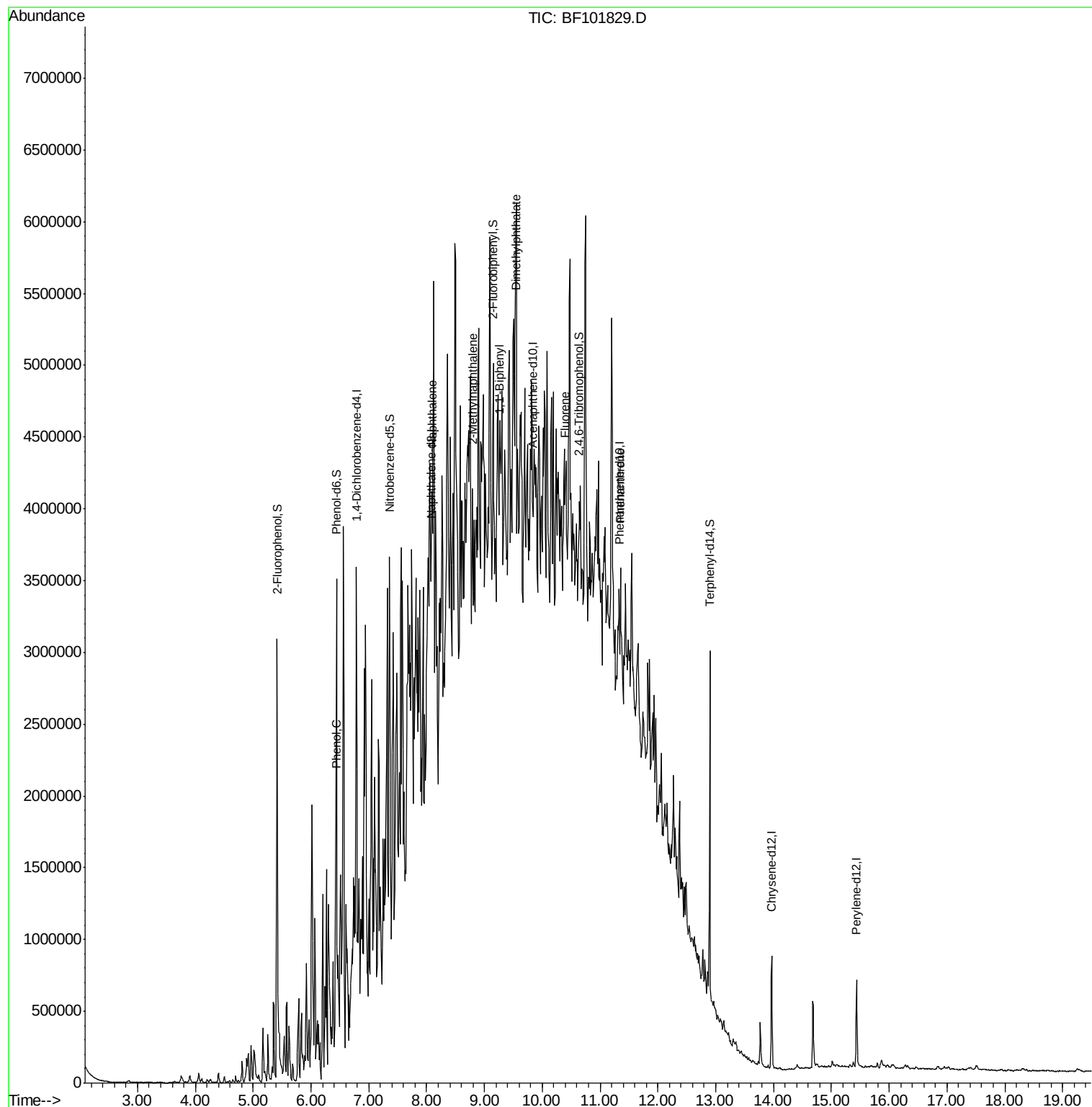
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	119428	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	374194	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	153333	20.00	ng	0.02
63) Phenanthrene-d10	11.33	188	242018	20.00	ng	0.01
75) Chrysene-d12	13.97	240	280993	20.00	ng	0.00
86) Perylene-d12	15.44	264	307003	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1203553	150.11	ng	0.00
7) Phenol-d6	6.44	99	1338993	134.19	ng	0.00
23) Nitrobenzene-d5	7.36	82	748735	111.38	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	191134	129.36	ng	0.02
44) 2-Fluorobiphenyl	9.15	172	945136	95.62	ng	0.01
78) Terphenyl-d14	12.90	244	863460	74.08	ng	0.00
Target Compounds						
10) Phenol	6.45	94	82106	7.220	ng	83
31) Naphthalene	8.10	128	197055	10.460	ng	# 82
37) 2-Methylnaphthalene	8.79	142	462461	37.680	ng	96
45) 1,1'-Biphenyl	9.26	154	219934	16.174	ng	98
49) Dimethylphthalate	9.55	163	63305	5.133	ng	# 68
57) Fluorene	10.39	166	153242	14.437	ng	# 74
70) Phenanthrene	11.35	178	397651	29.545	ng	# 96

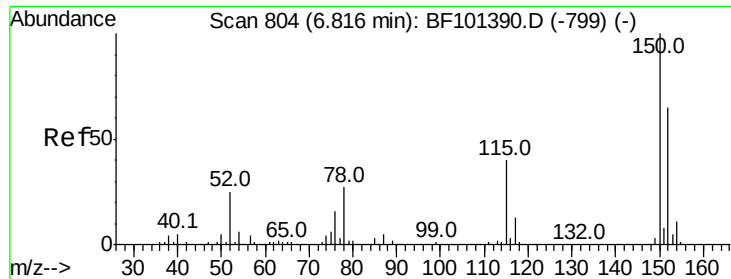
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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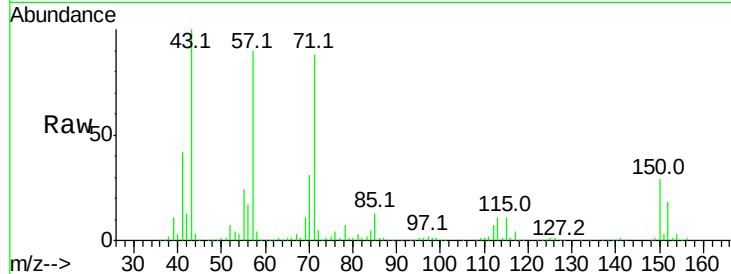


#1

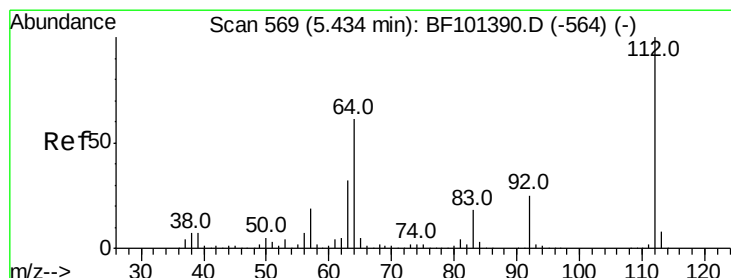
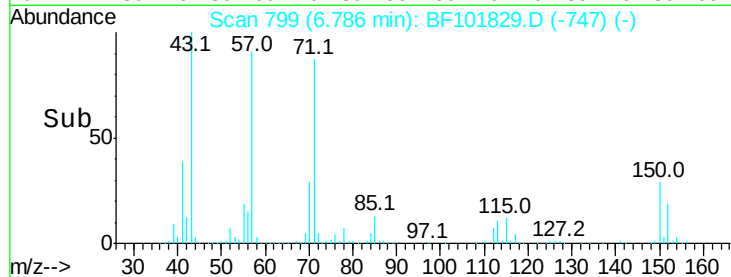
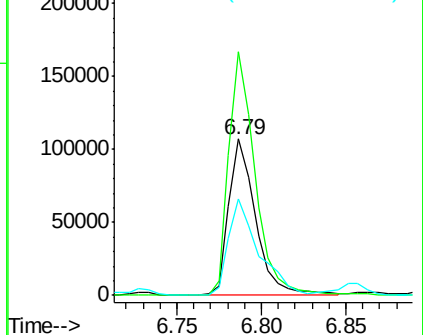
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.01 min
Lab File: BF101829.D
Acq: 29 Dec 2017 15:15

Instrument :
BNA_F
ClientSampleId :
LB-3

Tot Ion:152 Resp: 119428
Ion Ratio Lower Upper
152 100
150 156.1 124.6 186.8
115 61.8 50.1 75.1



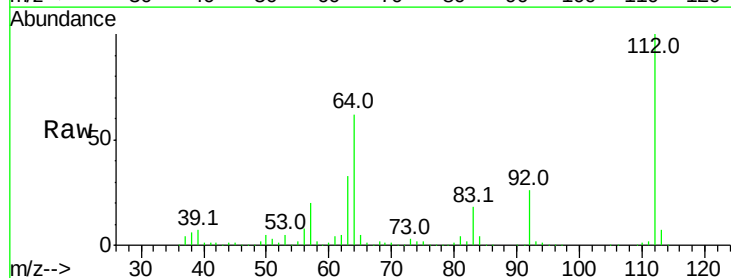
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



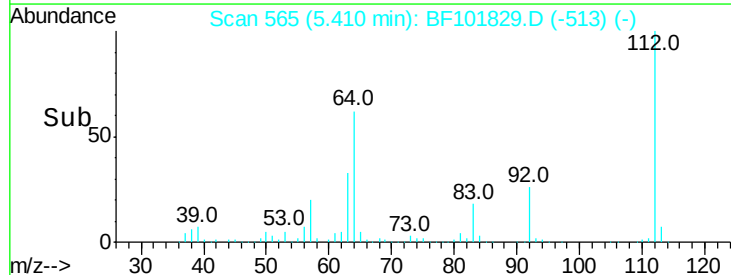
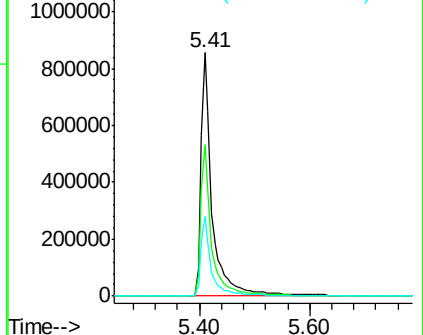
#5

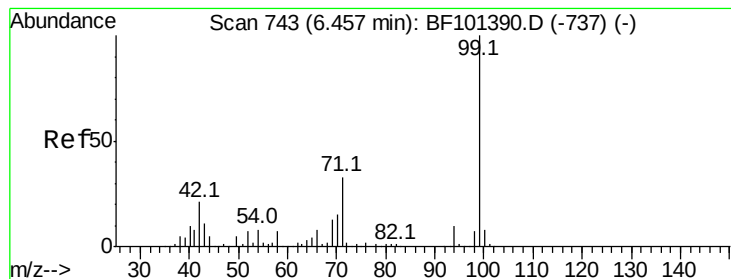
2-Fluorophenol
Concen: 150.114 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF101829.D
Acq: 29 Dec 2017 15:15

Tgt Ion:112 Resp: 1203553
Ion Ratio Lower Upper
112 100
64 62.1 47.9 71.9
63 32.5 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: 134.192 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101829.D

Acq: 29 Dec 2017 15:15

Instrument :

BNA_F

ClientSampleId :

LB-3

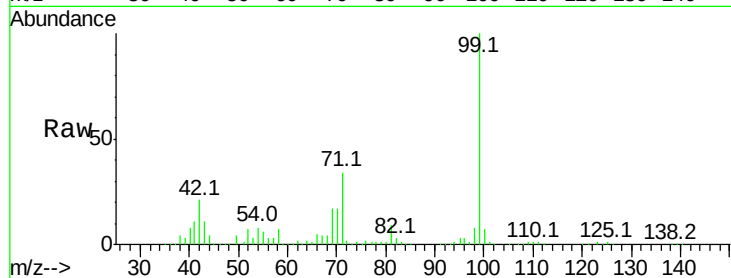
Tot Ion: 99 Resp: 1338993

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

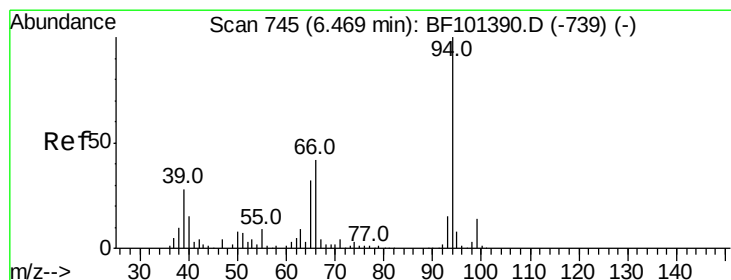
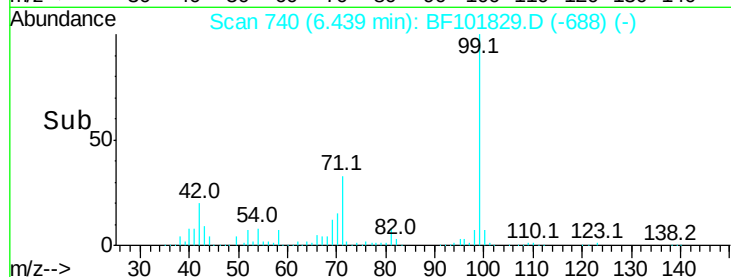
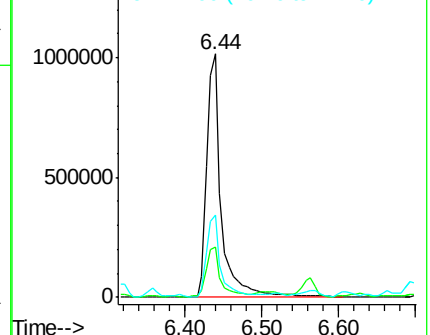
71 34.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 7.220 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101829.D

Acq: 29 Dec 2017 15:15

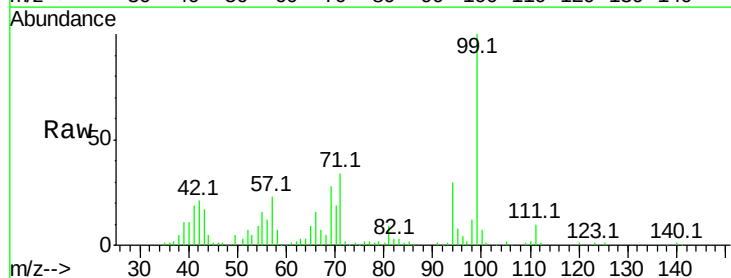
Tgt Ion: 94 Resp: 82106

Ion Ratio Lower Upper

94 100

65 30.6 7.9 47.9

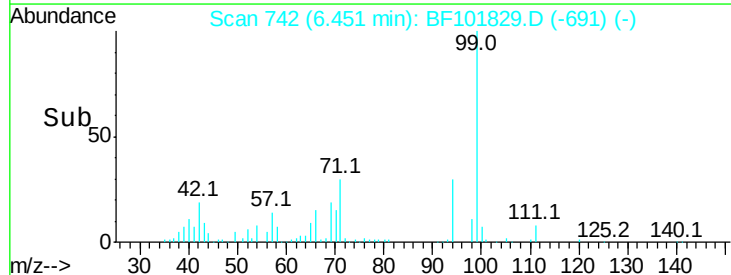
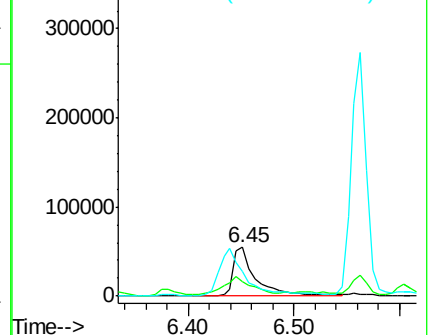
66 51.7 16.2 56.2

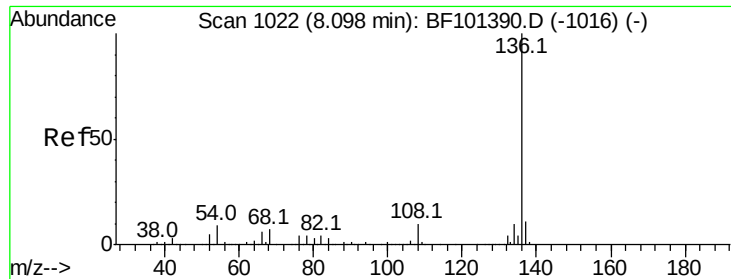


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. 0.01 min

Lab File: BF101829.D

Acq: 29 Dec 2017 15:15

Instrument :

BNA_F

ClientSampleId :

LB-3

Tot Ion:136 Resp: 374194

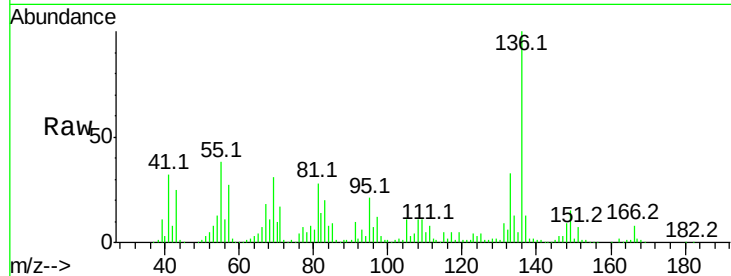
Ion Ratio Lower Upper

136 100

137 12.6 8.9 13.3

54 12.6 6.6 9.8#

68 11.4 5.0 7.4#

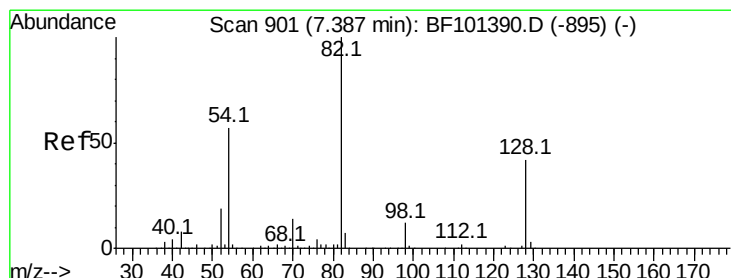
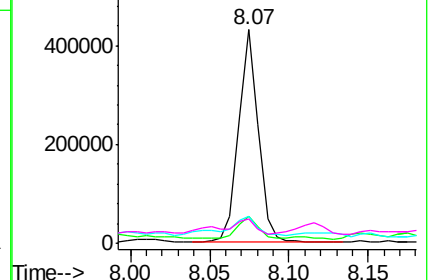
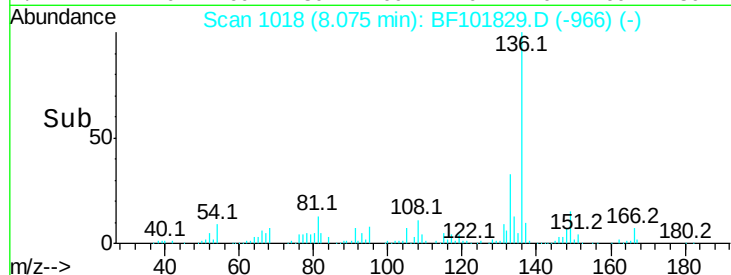


Abundance Ion 136.00 (135.70 to 136.70): E

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: 111.383 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF101829.D

Acq: 29 Dec 2017 15:15

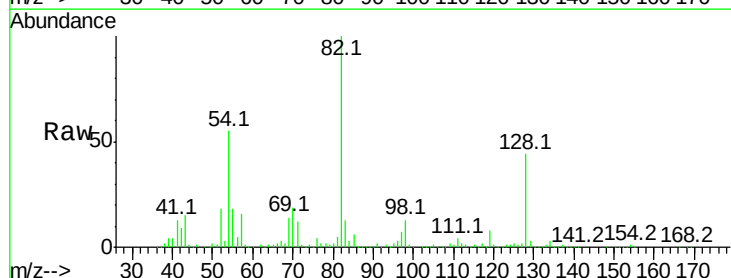
Tgt Ion: 82 Resp: 748735

Ion Ratio Lower Upper

82 100

128 44.2 36.1 54.1

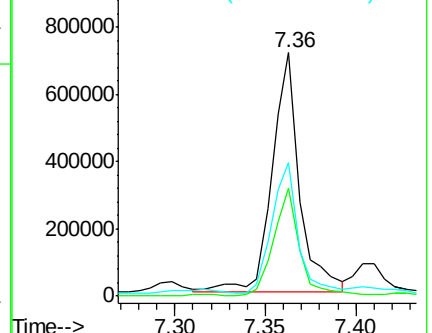
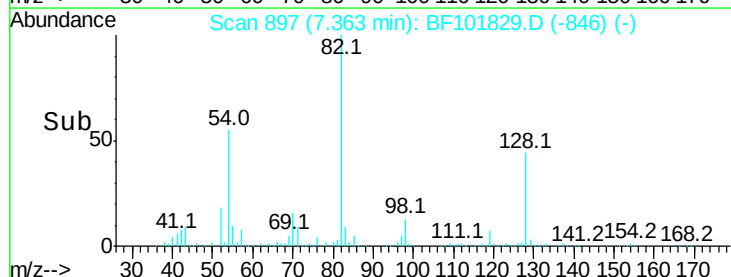
54 54.8 41.4 62.2

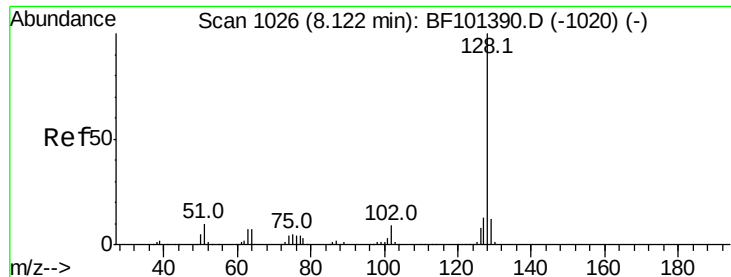


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

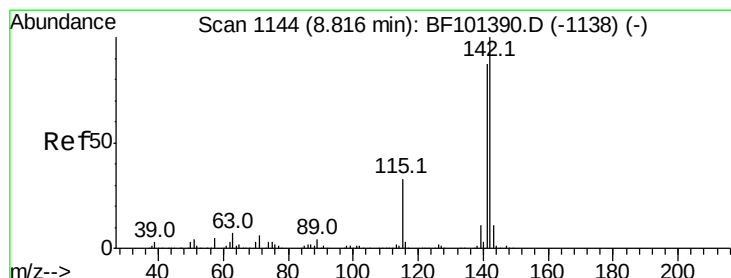
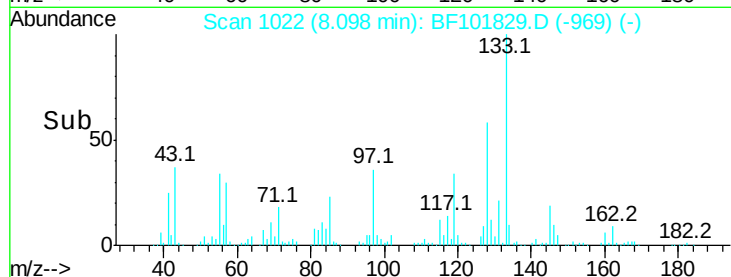
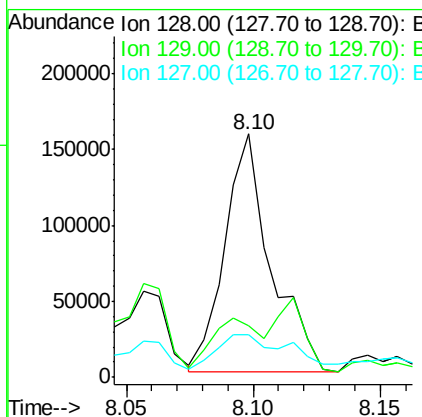
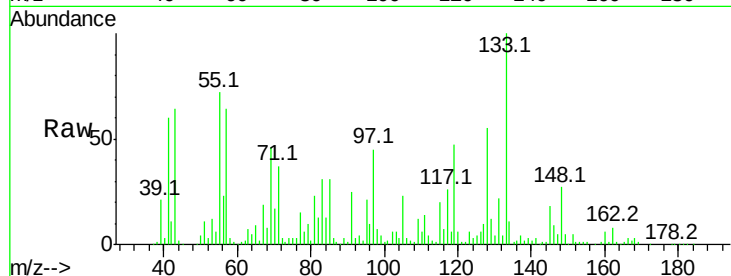




#31
Naphthalene
Concen: 10.460 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF101829.D
Acq: 29 Dec 2017 15:15

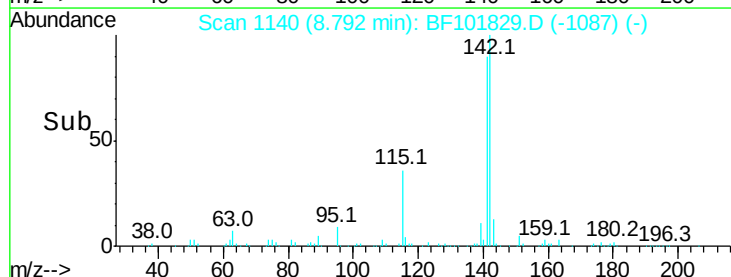
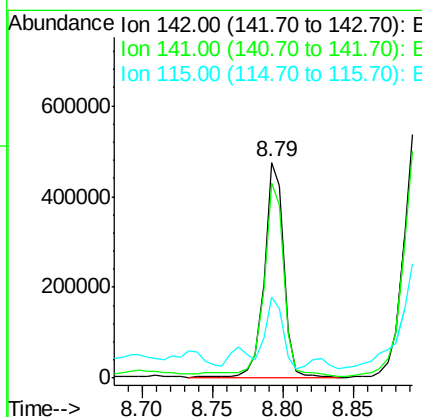
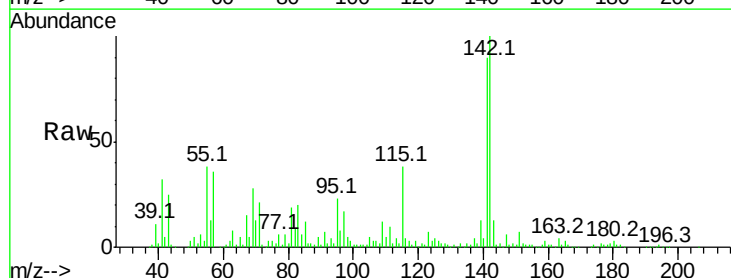
Instrument :
BNA_F
ClientSampleId :
LB-3

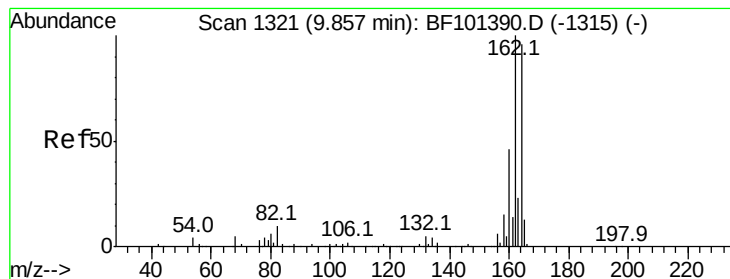
Tot Ion:128 Resp: 197055
Ion Ratio Lower Upper
128 100
129 21.1 8.8 13.2#
127 17.7 10.9 16.3#



#37
2-Methylnaphthalene
Concen: 37.680 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BF101829.D
Acq: 29 Dec 2017 15:15

Tgt Ion:142 Resp: 462461
Ion Ratio Lower Upper
142 100
141 90.3 70.8 106.2
115 37.6 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.02 min

Lab File: BF101829.D

Acq: 29 Dec 2017 15:15

Instrument :

BNA_F

ClientSampleId :

LB-3

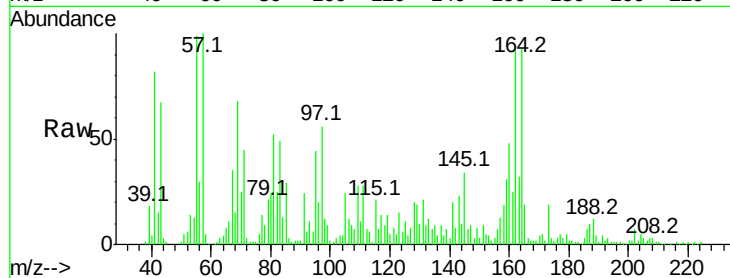
Tot Ion:164 Resp: 153333

Ion Ratio Lower Upper

164 100

162 99.2 86.1 129.1

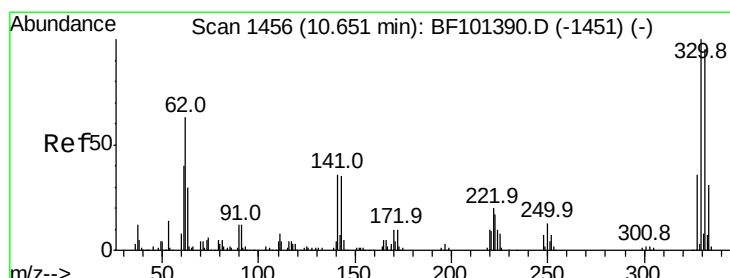
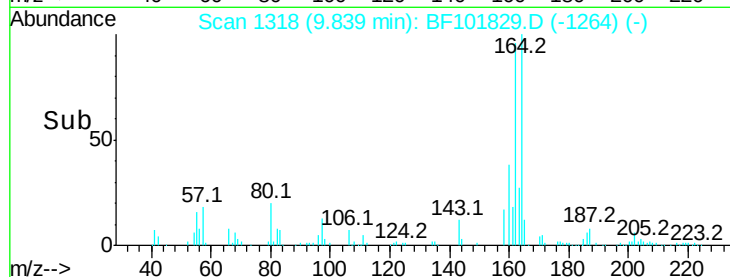
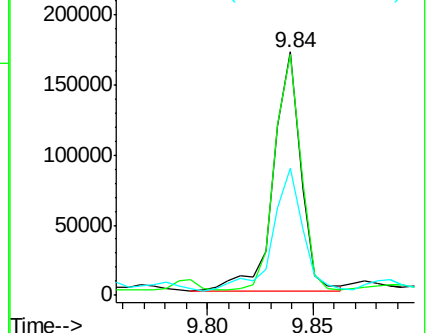
160 52.0 38.3 57.5



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: 129.365 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.02 min

Lab File: BF101829.D

Acq: 29 Dec 2017 15:15

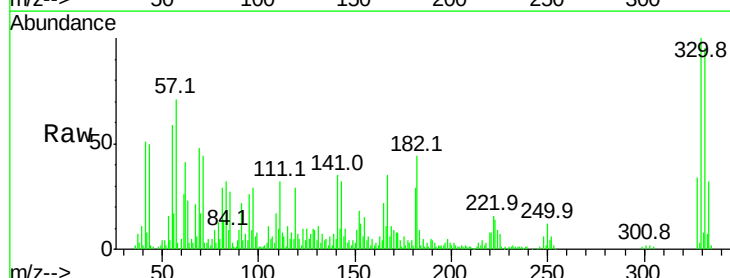
Tgt Ion:330 Resp: 191134

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

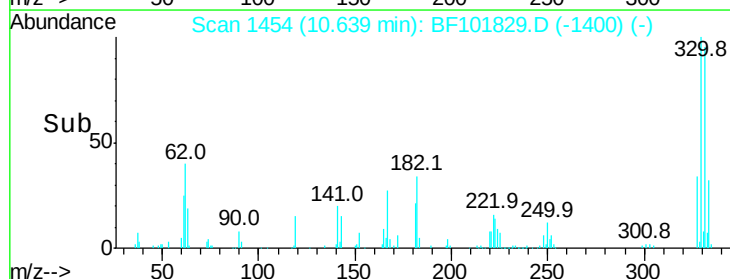
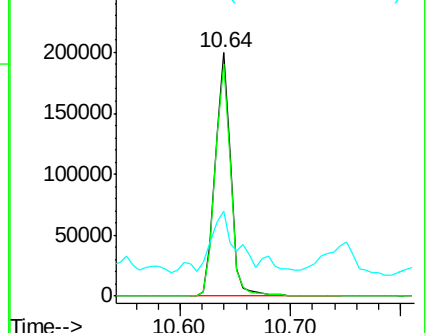
141 36.7 29.9 44.9

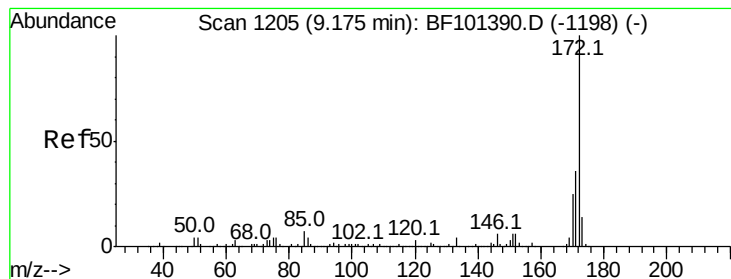


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 95.618 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.01 min

Lab File: BF101829.D

Acq: 29 Dec 2017 15:15

Instrument :

BNA_F

ClientSampled :

LB-3

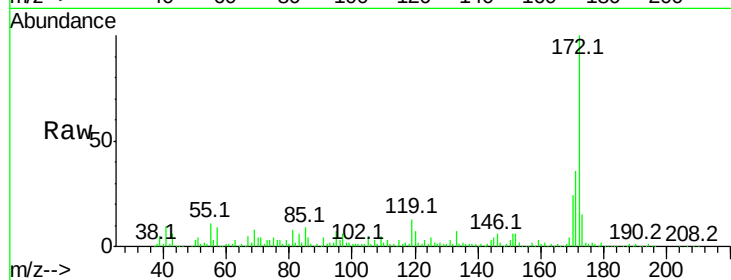
Tot Ion:172 Resp: 945136

Ion Ratio Lower Upper

172 100

171 36.1 29.7 44.5

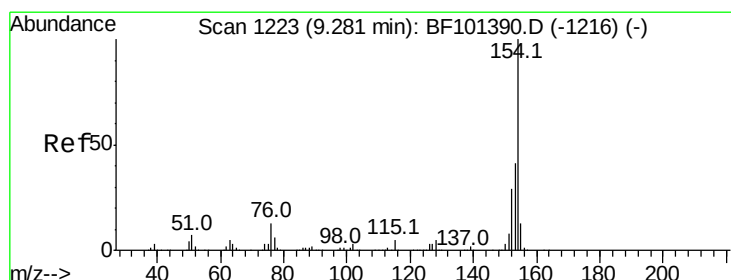
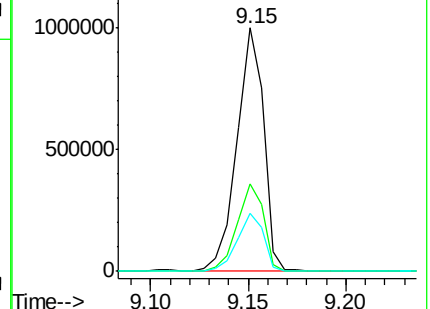
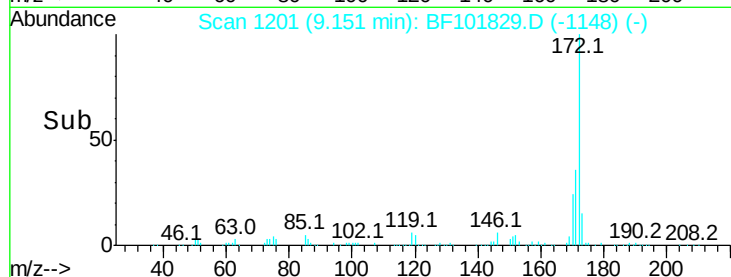
170 23.9 19.6 29.4



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



#45

1,1'-Biphenyl

Concen: 16.174 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.01 min

Lab File: BF101829.D

Acq: 29 Dec 2017 15:15

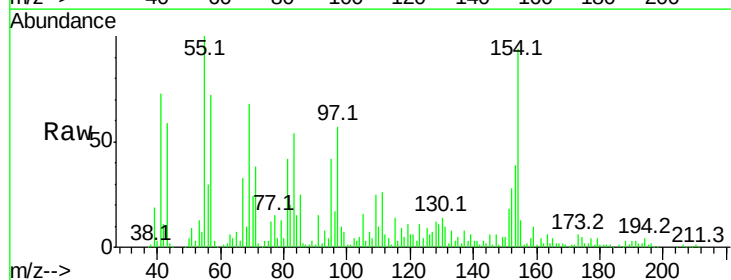
Tgt Ion:154 Resp: 219934

Ion Ratio Lower Upper

154 100

153 41.9 21.3 61.3

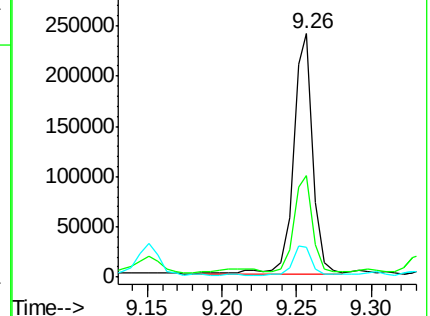
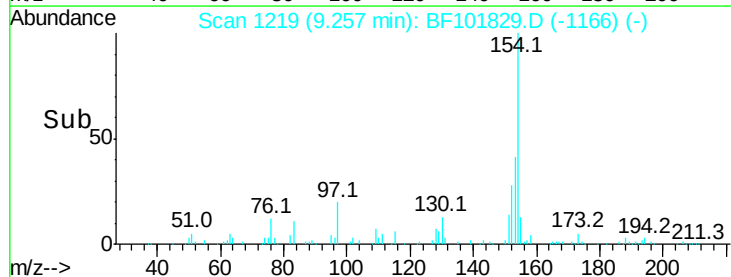
76 12.3 0.0 34.0

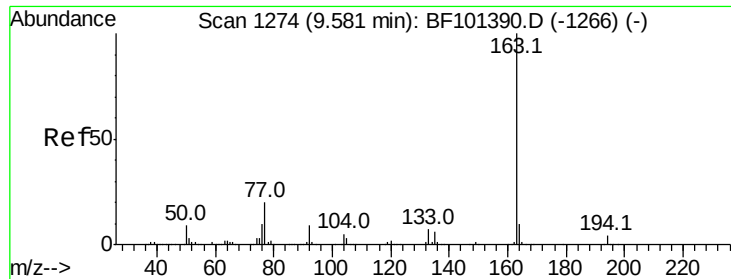


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#49

Dimethylphthalate

Concen: 5.133 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF101829.D

Acq: 29 Dec 2017 15:15

Instrument :

BNA_F

ClientSampleId :

LB-3

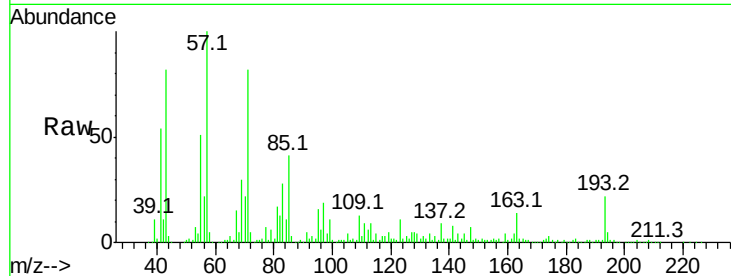
Tot Ion:163 Resp: 63305

Ion Ratio Lower Upper

163 100

194 34.3 2.7 4.1#

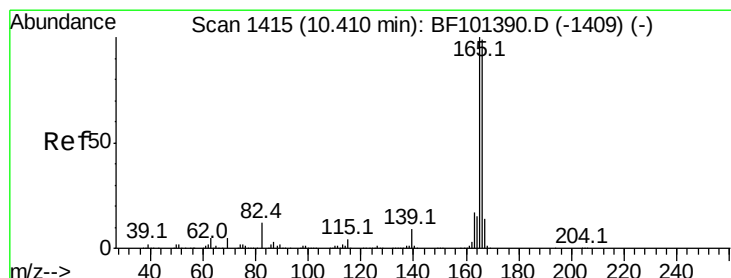
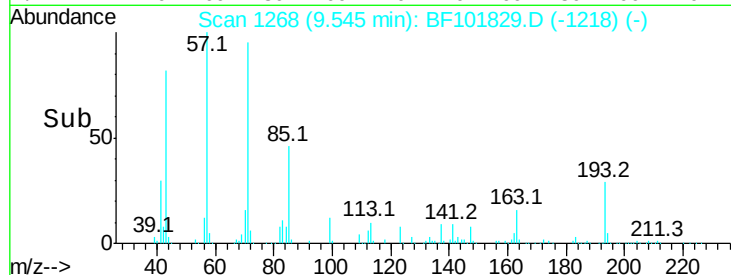
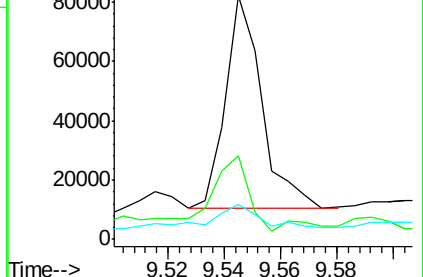
164 14.3 8.2 12.2#



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



#57

Fluorene

Concen: 14.437 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.02 min

Lab File: BF101829.D

Acq: 29 Dec 2017 15:15

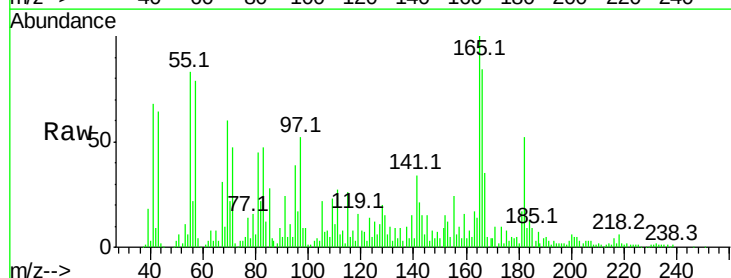
Tgt Ion:166 Resp: 153242

Ion Ratio Lower Upper

166 100

165 119.3 79.8 119.8

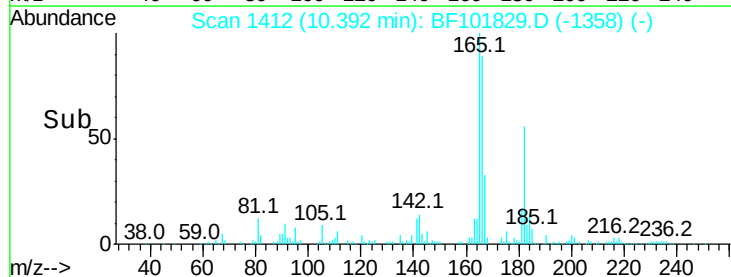
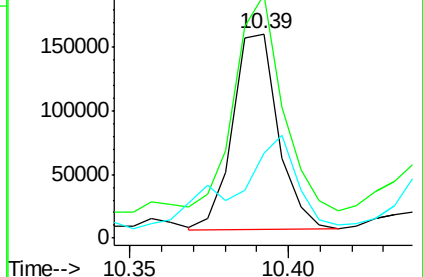
167 41.7 10.6 16.0#

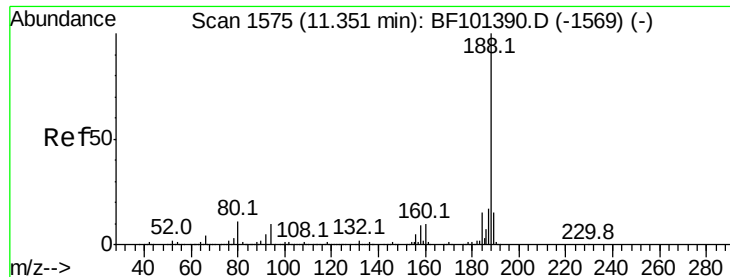


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

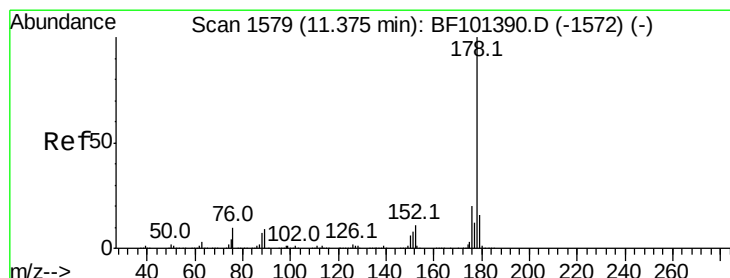
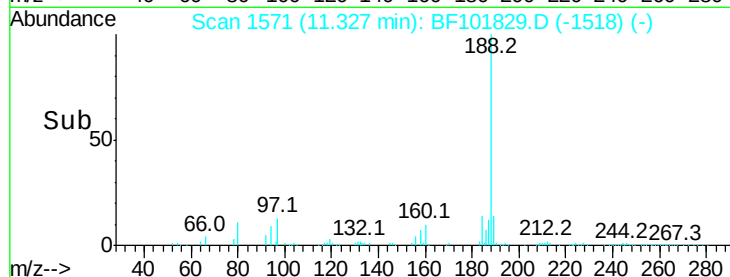
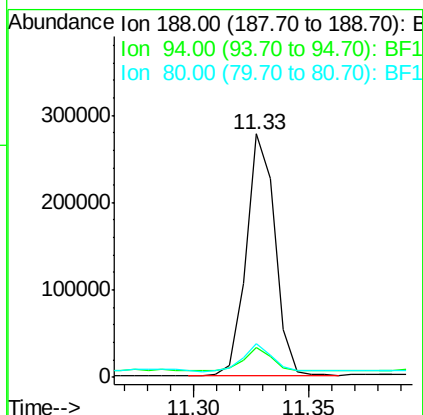
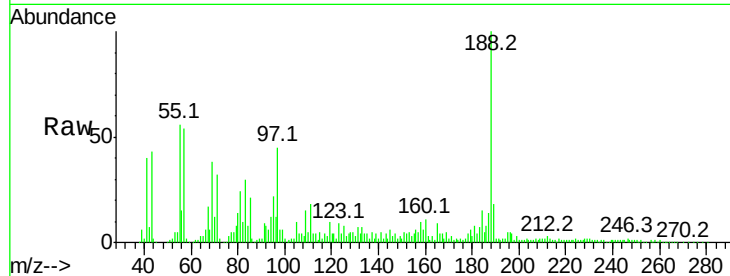




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BF101829.D
Acq: 29 Dec 2017 15:15

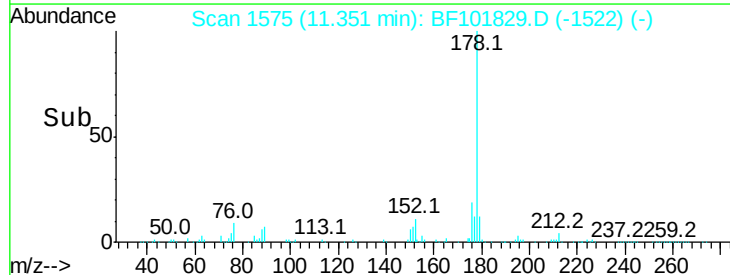
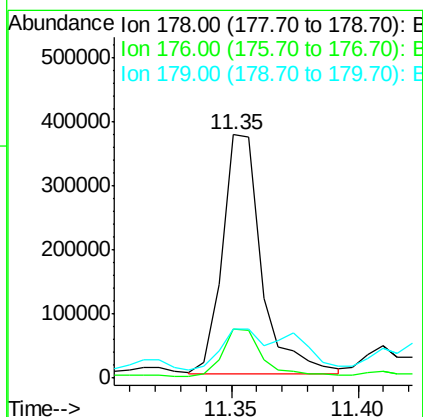
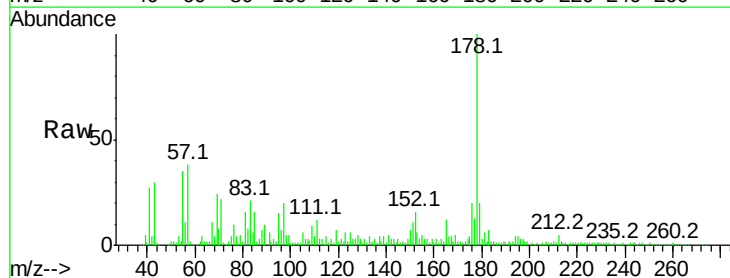
Instrument :
BNA_F
ClientSampleId :
LB-3

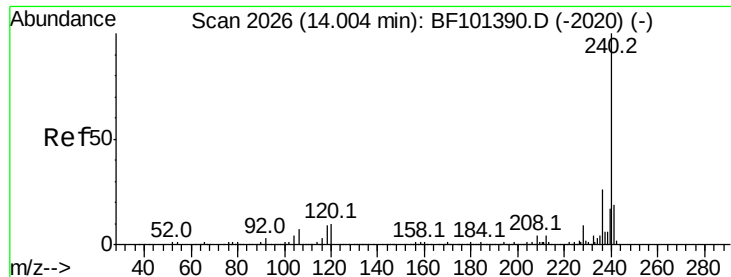
Tot Ion:188 Resp: 242018
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 13.6 9.2 13.8



#70
Phenanthrene
Concen: 29.545 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.01 min
Lab File: BF101829.D
Acq: 29 Dec 2017 15:15

Tgt Ion:178 Resp: 397651
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 20.2 13.0 19.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101829.D

Acq: 29 Dec 2017 15:15

Instrument :

BNA_F

ClientSampleId :

LB-3

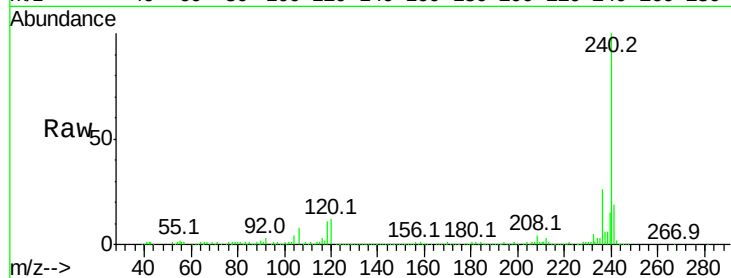
Tot Ion:240 Resp: 280993

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

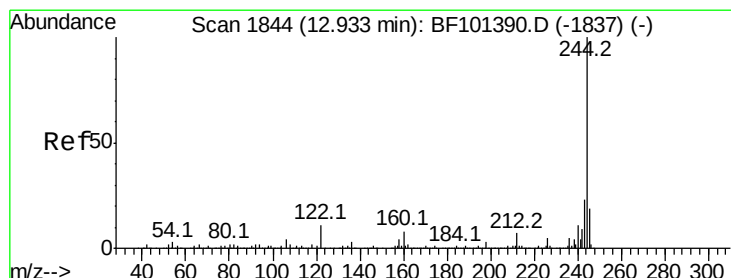
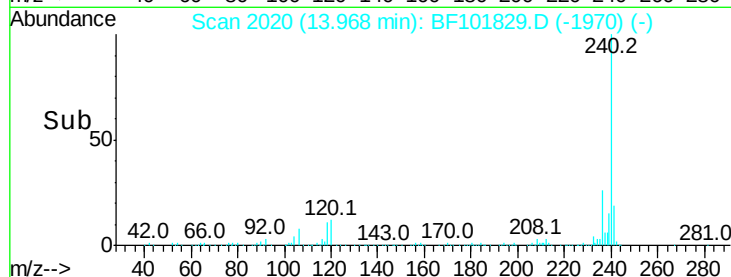
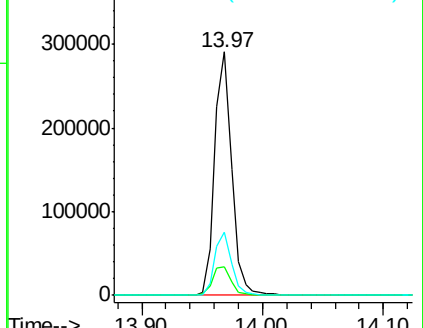
236 25.8 20.7 31.1



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: 74.080 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF101829.D

Acq: 29 Dec 2017 15:15

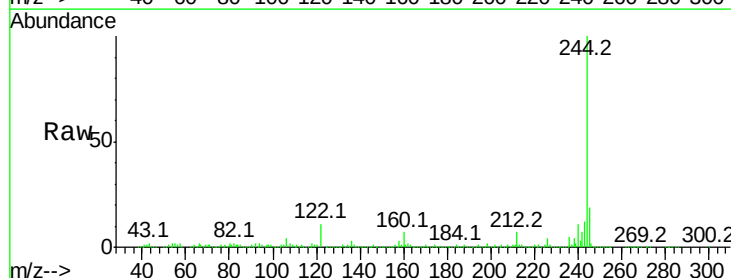
Tgt Ion:244 Resp: 863460

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

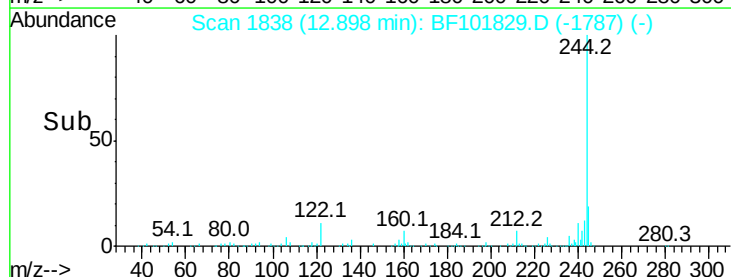
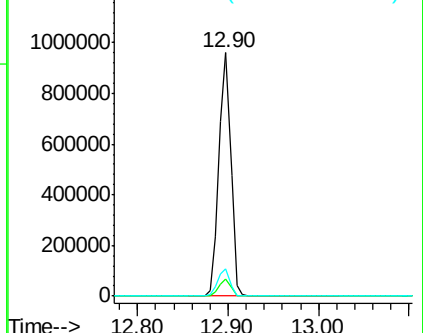
122 11.1 11.0 16.4

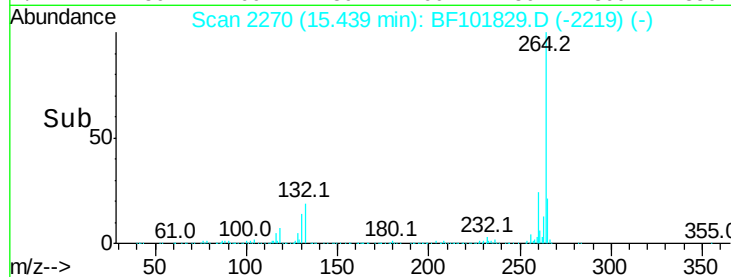
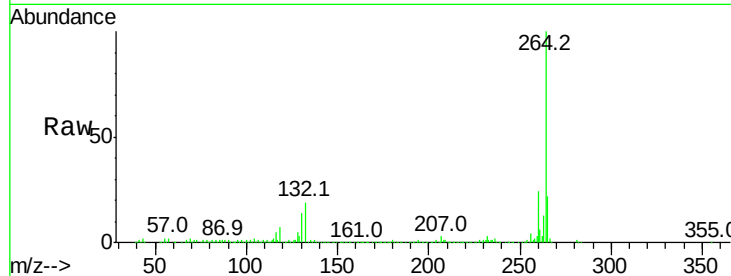
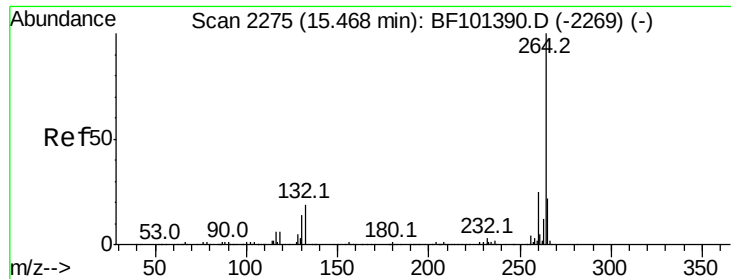


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BF101829.D

Acq: 29 Dec 2017 15:15

Instrument :

BNA_F

ClientSampleId :

LB-3

Tot Ion:264 Resp: 307003

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.6 17.5 26.3

