

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101558.D
 Acq On : 20 Dec 2017 8:32
 Operator : SJ/JU
 Sample : I6956-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121417-JETT-E-U-S

Quant Time: Dec 20 09:24:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

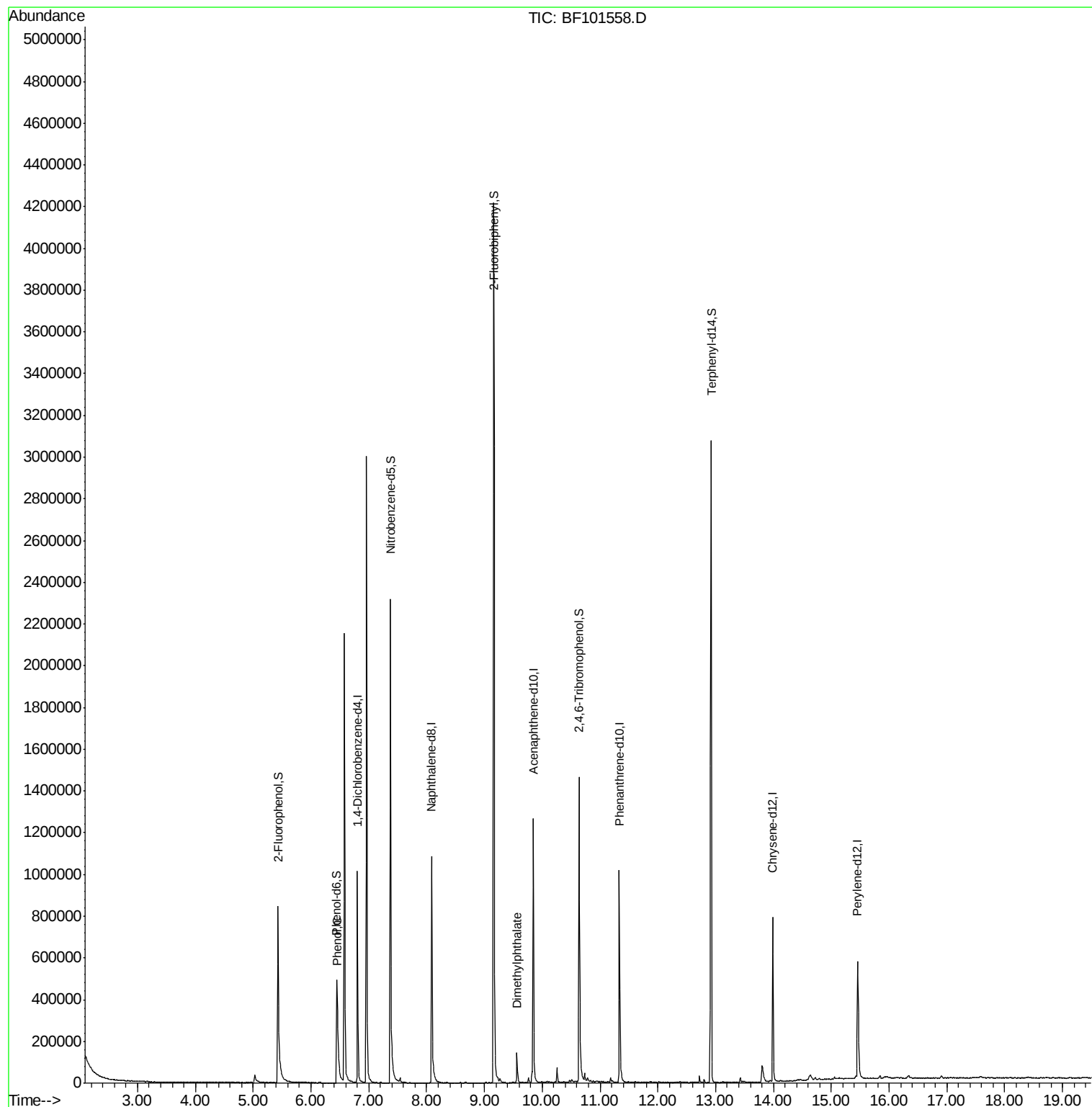
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	153130	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	625283	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	269667	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	462364	20.00	ng	0.00
75) Chrysene-d12	13.99	240	309909	20.00	ng	0.00
86) Perylene-d12	15.46	264	329259	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	373282	36.31	ng	0.00
7) Phenol-d6	6.45	99	290055	22.67	ng	0.00
23) Nitrobenzene-d5	7.37	82	944697	84.10	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	207798	79.97	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1497231	86.13	ng	0.00
78) Terphenyl-d14	12.92	244	1130532	87.94	ng	0.00
Target Compounds						
10) Phenol	6.46	94	36395	2.496	ng	79
49) Dimethylphthalate	9.56	163	72837	3.358	ng	98

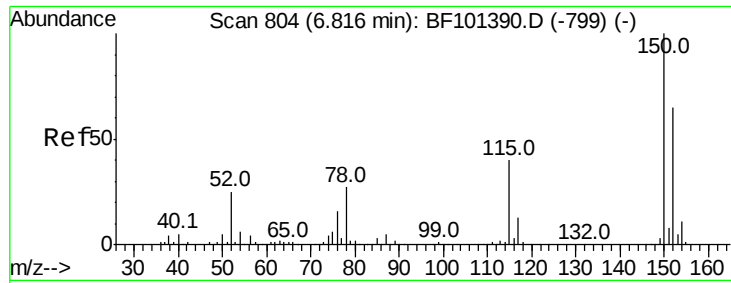
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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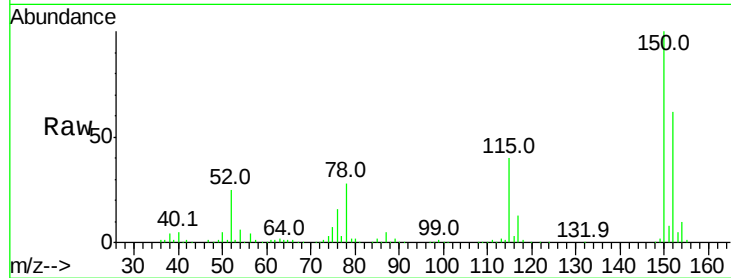


#1

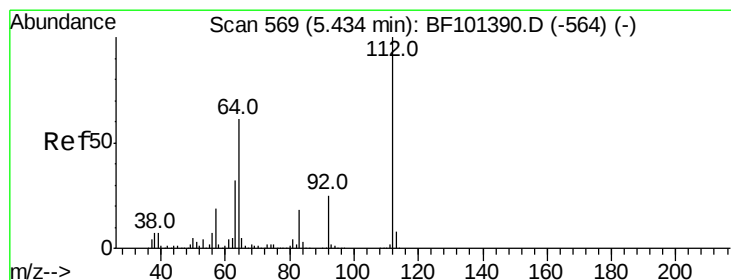
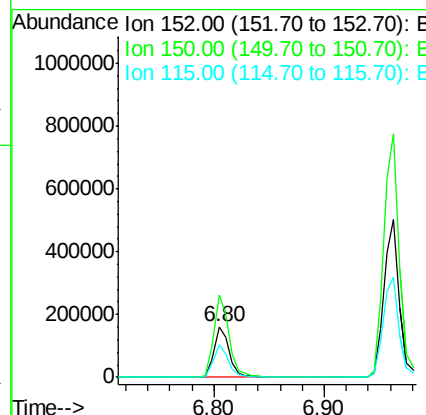
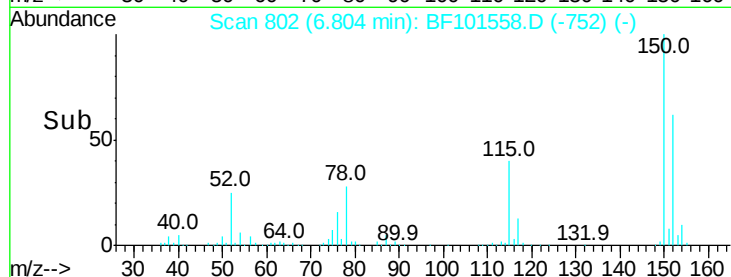
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101558.D
Acq: 20 Dec 2017 8:32

Instrument :
BNA_F
ClientSampleId :
121417-JETT-E-U-S

Tot Ion:152 Resp: 153130
Ion Ratio Lower Upper
152 100
150 162.5 124.6 186.8
115 64.4 50.1 75.1



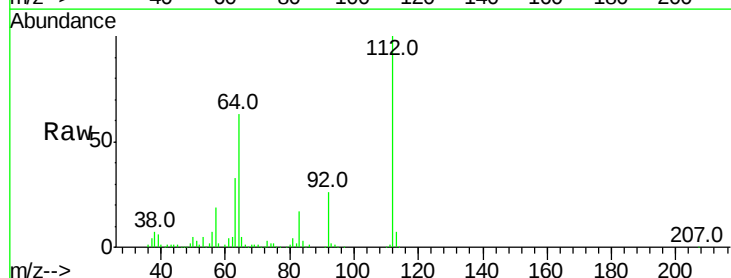
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



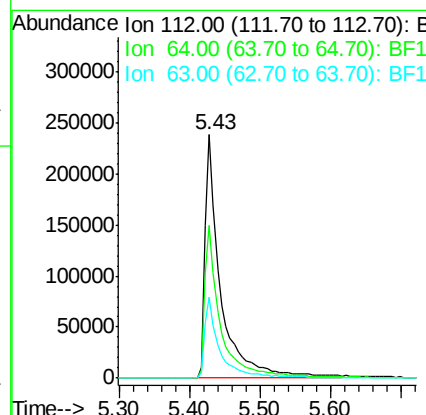
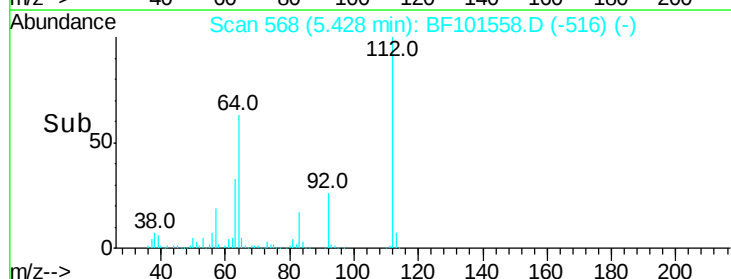
#5

2-Fluorophenol
Concen: 36.311 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101558.D
Acq: 20 Dec 2017 8:32

Tgt Ion:112 Resp: 373282
Ion Ratio Lower Upper
112 100
64 62.7 47.9 71.9
63 33.3 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: 22.671 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF101558.D

Acq: 20 Dec 2017 8:32

Instrument :

BNA_F

ClientSampleId :

121417-JETT-E-U-S

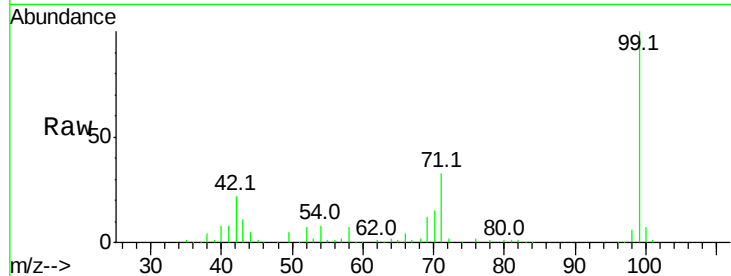
Tot Ion: 99 Resp: 290055

Ion Ratio Lower Upper

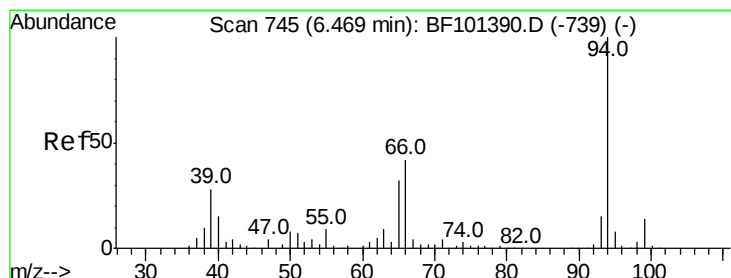
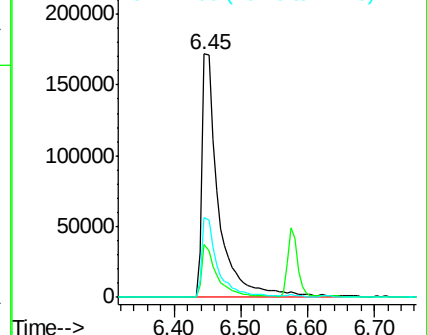
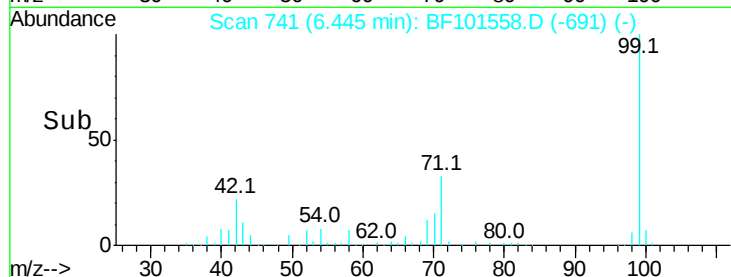
99 100

42 21.7 14.5 21.7#

71 32.8 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: 2.496 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF101558.D

Acq: 20 Dec 2017 8:32

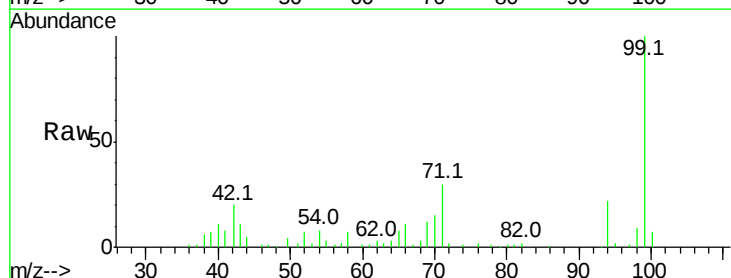
Tgt Ion: 94 Resp: 36395

Ion Ratio Lower Upper

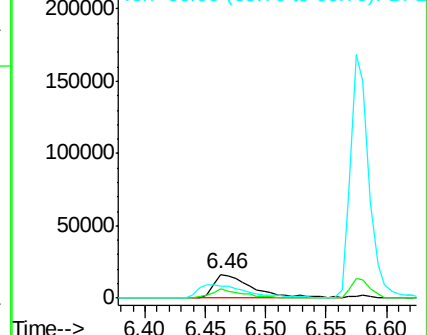
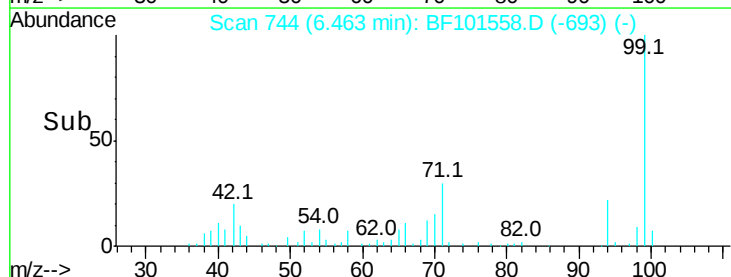
94 100

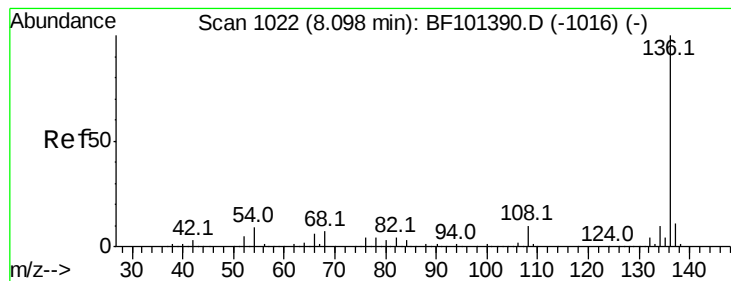
65 36.4 7.9 47.9

66 50.6 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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF101558.D

Acq: 20 Dec 2017 8:32

Instrument :

BNA_F

ClientSampleId :

121417-JETT-E-U-S

Tot Ion:136 Resp: 625283

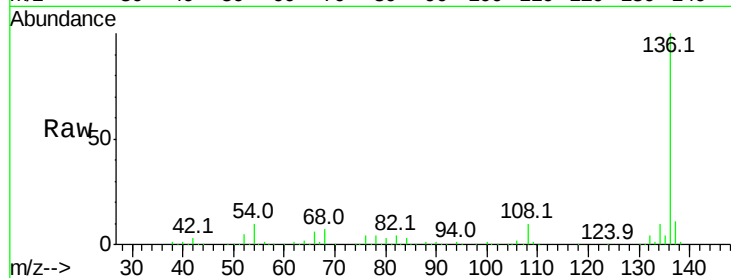
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.8 6.6 9.8

68 6.9 5.0 7.4

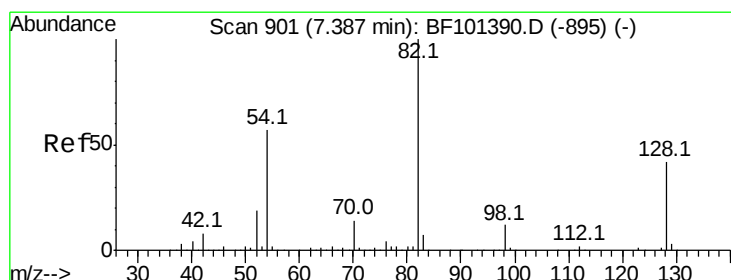
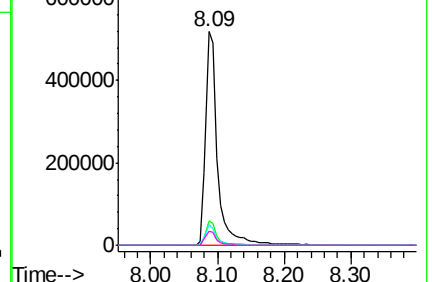
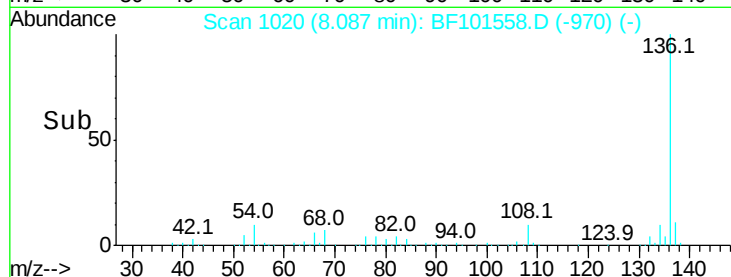


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.102 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF101558.D

Acq: 20 Dec 2017 8:32

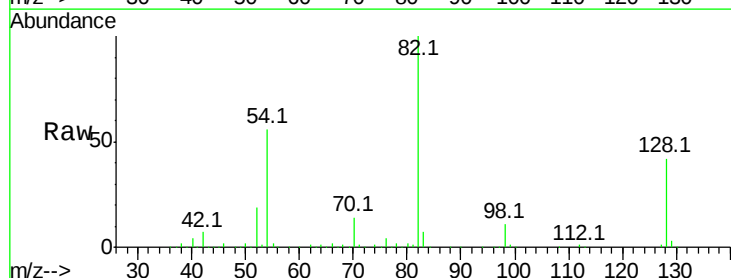
Tgt Ion: 82 Resp: 944697

Ion Ratio Lower Upper

82 100

128 42.5 36.1 54.1

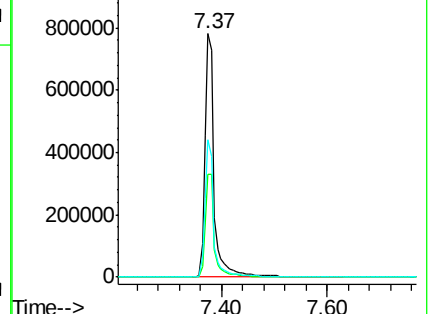
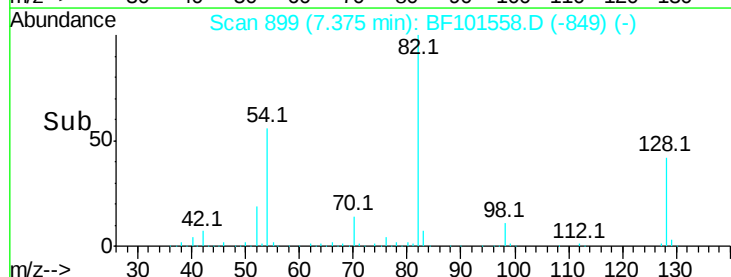
54 56.3 41.4 62.2

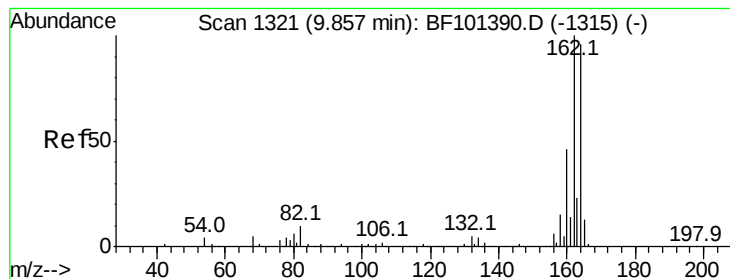


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.85 min Scan# 1319

Delta R.T. 0.00 min

Lab File: BF101558.D

Acq: 20 Dec 2017 8:32

Instrument :

BNA_F

ClientSampleId :

121417-JETT-E-U-S

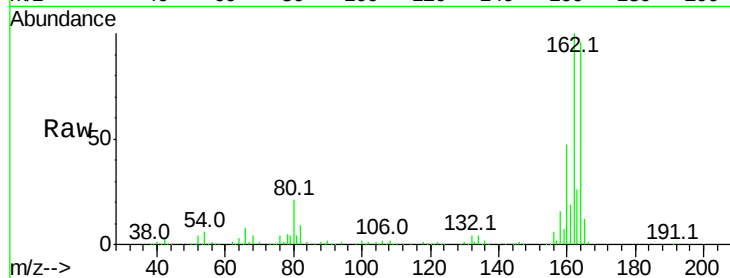
Tot Ion:164 Resp: 269667

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

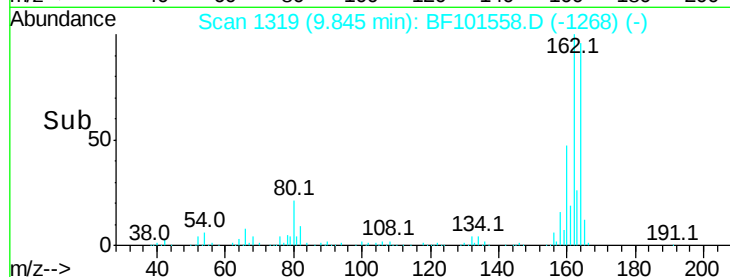
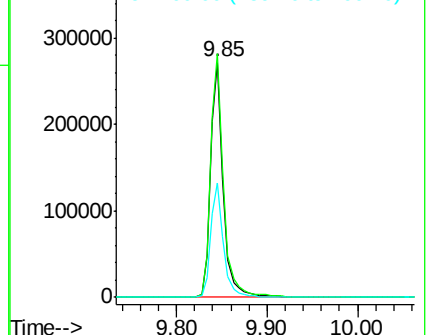
160 48.8 38.3 57.5



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: 79.970 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF101558.D

Acq: 20 Dec 2017 8:32

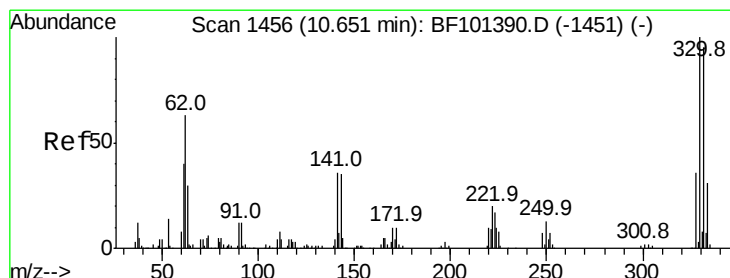
Tgt Ion:330 Resp: 207798

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

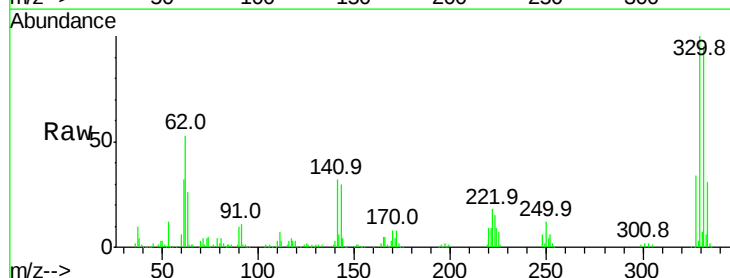
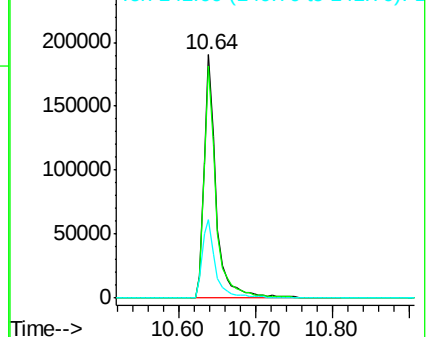
141 35.3 29.9 44.9



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

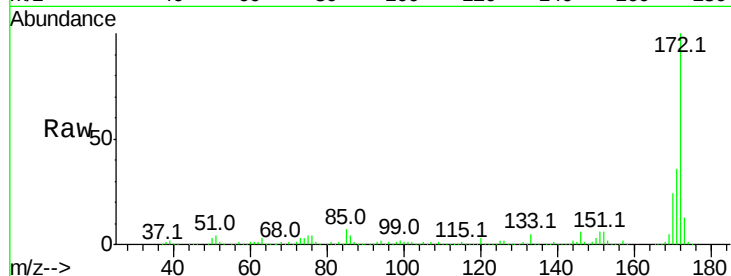




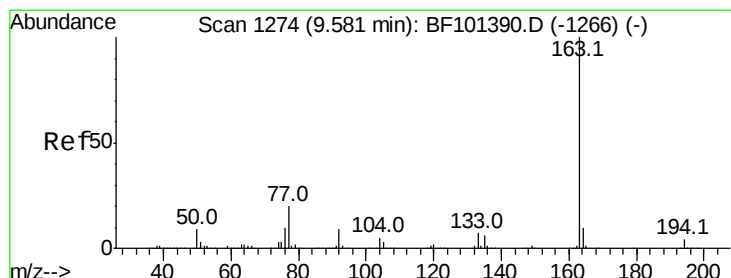
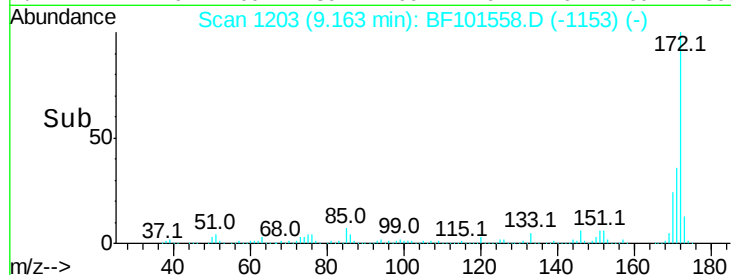
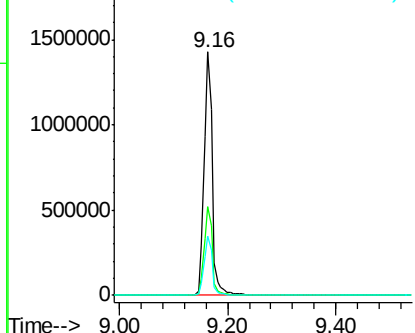
#44
2-Fluorobiphenyl
Concen: 86.127 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101558.D
Acq: 20 Dec 2017 8:32

Instrument :
BNA_F
ClientSampleId :
121417-JETT-E-U-S

Tot Ion:172 Resp: 1497231
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.4 19.6 29.4

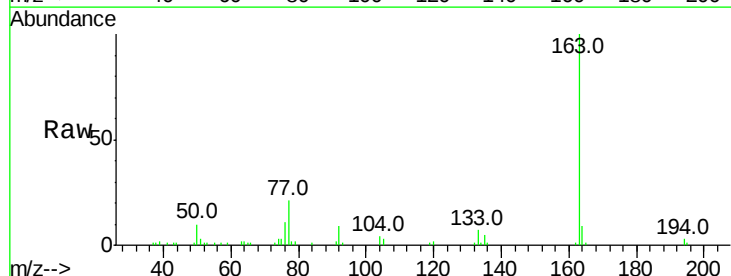


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

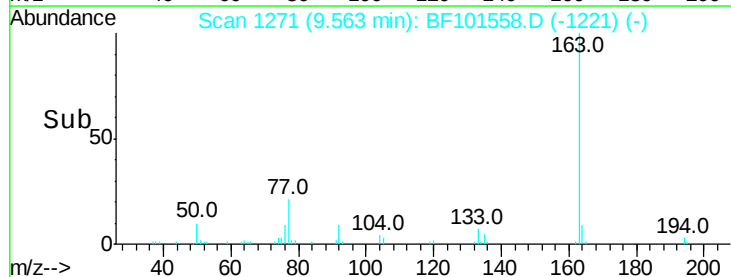
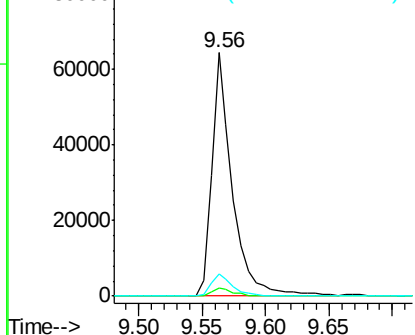


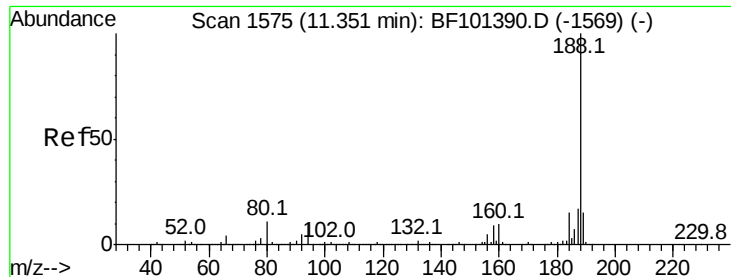
#49
Dimethylphthalate
Concen: 3.358 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101558.D
Acq: 20 Dec 2017 8:32

Tgt Ion:163 Resp: 72837
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.2 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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF101558.D

Acq: 20 Dec 2017 8:32

Instrument :

BNA_F

ClientSampleId :

121417-JETT-E-U-S

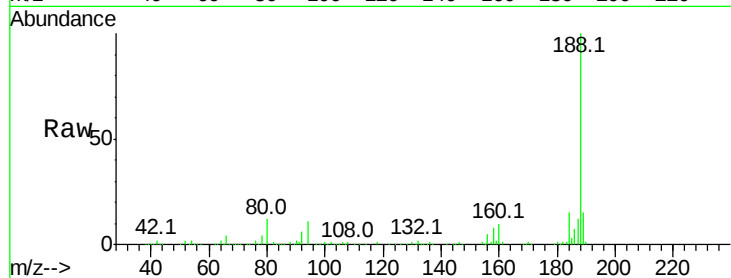
Tot Ion:188 Resp: 462364

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

80 12.1 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

11.33

400000

300000

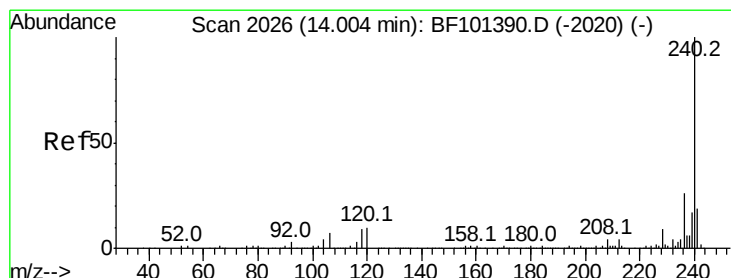
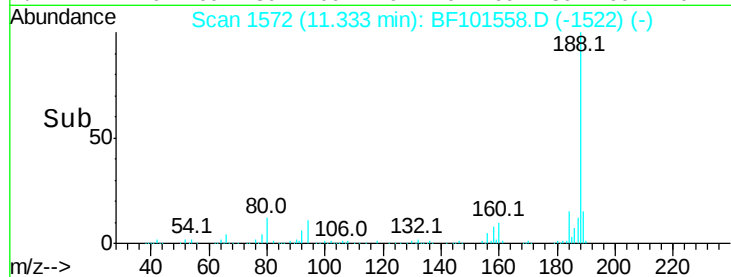
200000

100000

0

Time-->

11.30 11.40



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101558.D

Acq: 20 Dec 2017 8:32

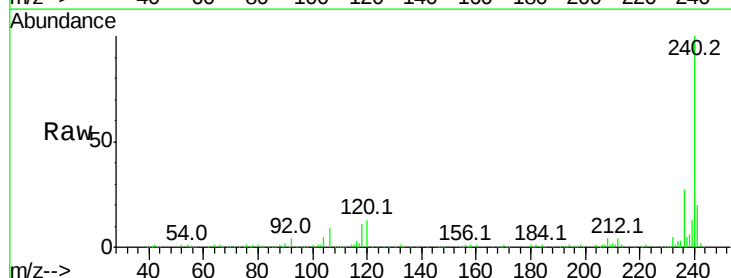
Tgt Ion:240 Resp: 309909

Ion Ratio Lower Upper

240 100

120 13.3 9.5 14.3

236 26.6 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

13.99

300000

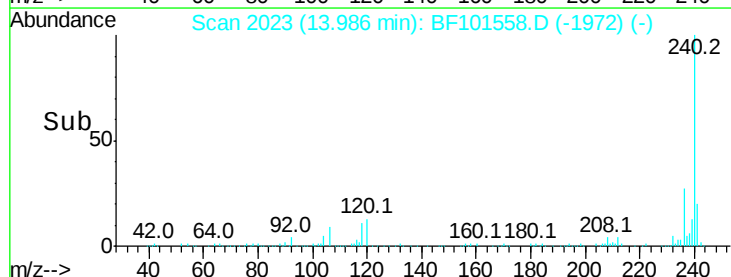
200000

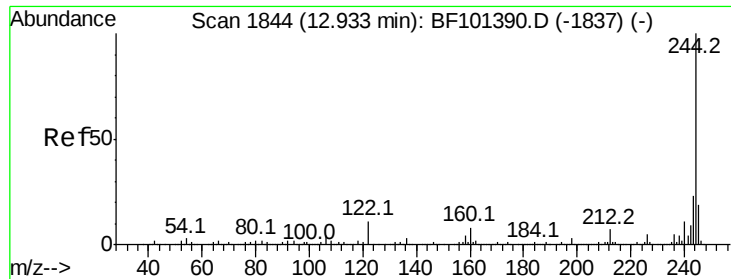
100000

0

Time-->

13.90 14.00 14.10





#78

Terphenyl-d14

Concen: 87.944 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101558.D

Acq: 20 Dec 2017 8:32

Instrument :

BNA_F

ClientSampleId :

121417-JETT-E-U-S

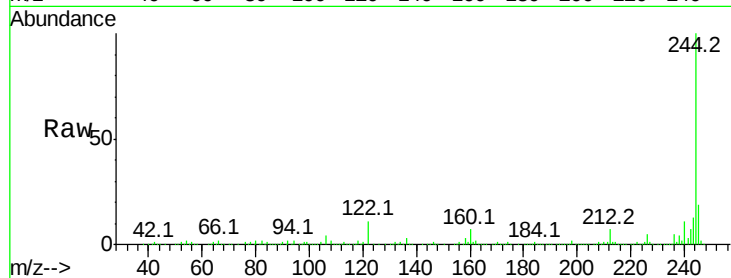
Tot Ion:244 Resp: 1130532

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

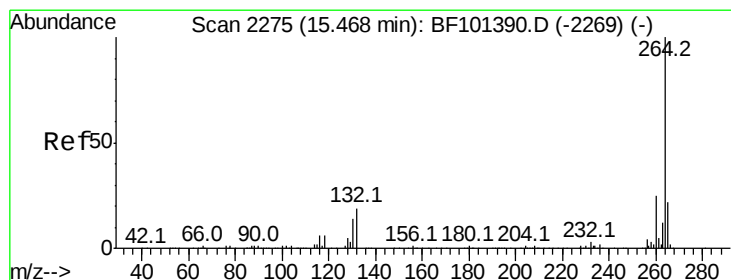
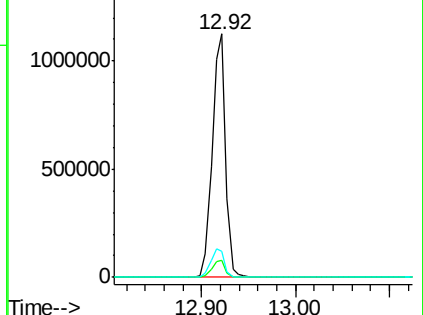
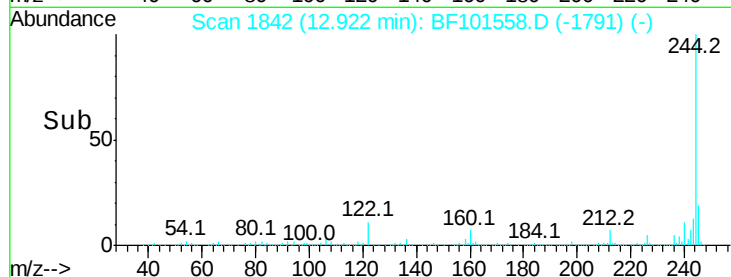
122 10.8 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF101558.D

Acq: 20 Dec 2017 8:32

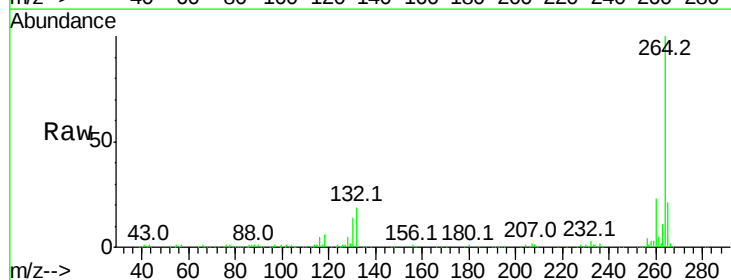
Tgt Ion:264 Resp: 329259

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.3 17.5 26.3



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

