

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101596.D
 Acq On : 21 Dec 2017 9:45
 Operator : SJ/JU
 Sample : I6971-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121517-JETT-E-D-S

Quant Time: Dec 21 10:54:03 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140533	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	526606	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	202618	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	308794	20.00	ng	0.00
75) Chrysene-d12	13.97	240	299854	20.00	ng	0.00
86) Perylene-d12	15.43	264	308462	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	369598	39.18	ng	0.00
7) Phenol-d6	6.43	99	292389	24.90	ng	0.00
23) Nitrobenzene-d5	7.36	82	793683	83.90	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	133099	68.17	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1184046	90.65	ng	0.00
78) Terphenyl-d14	12.90	244	818391	65.80	ng	0.00

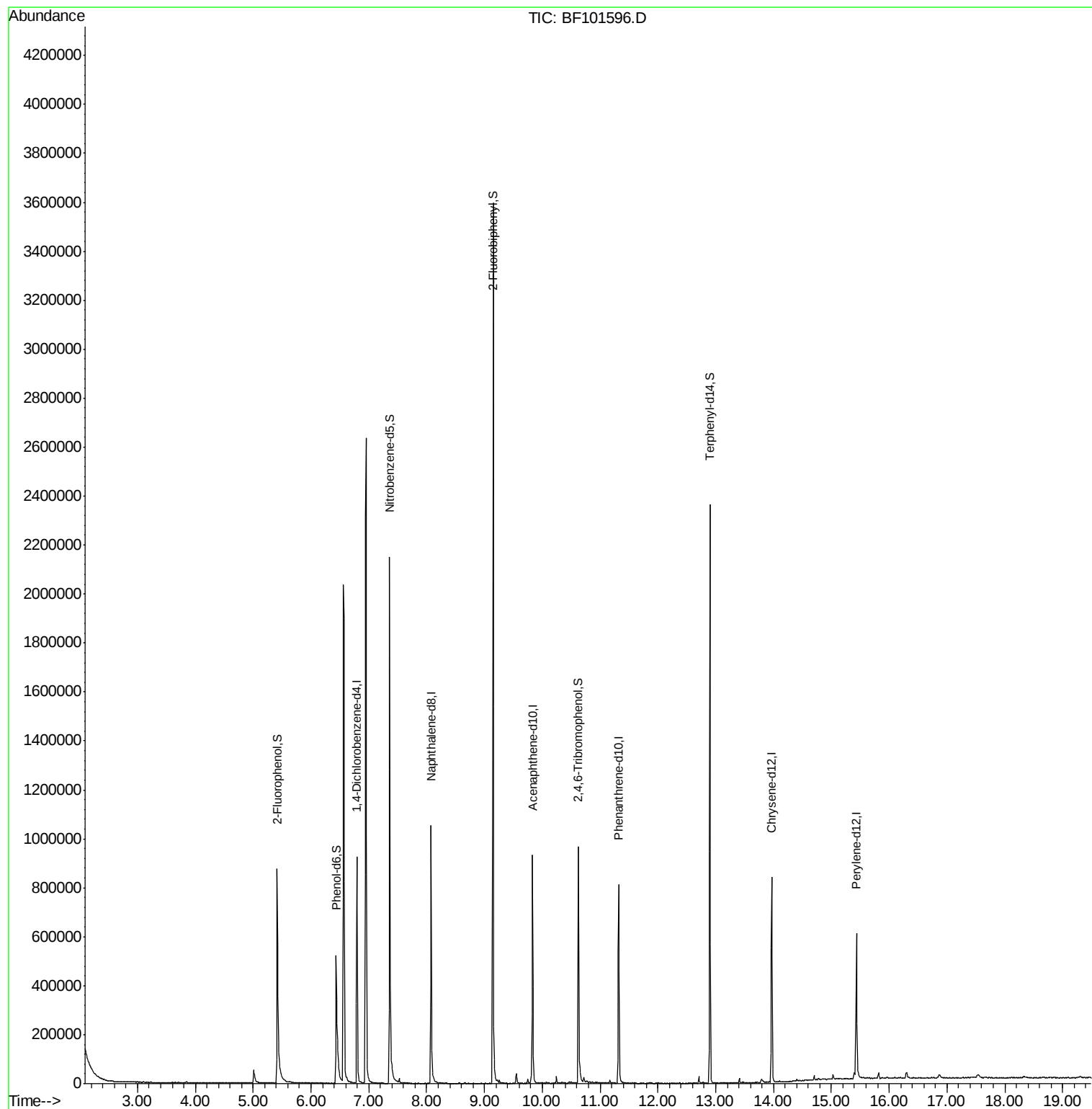
Target Compounds	Qvalue
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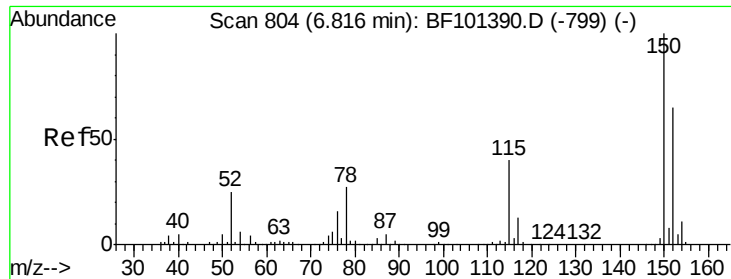
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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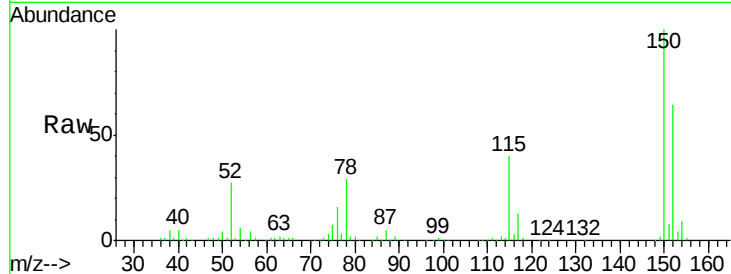


#1

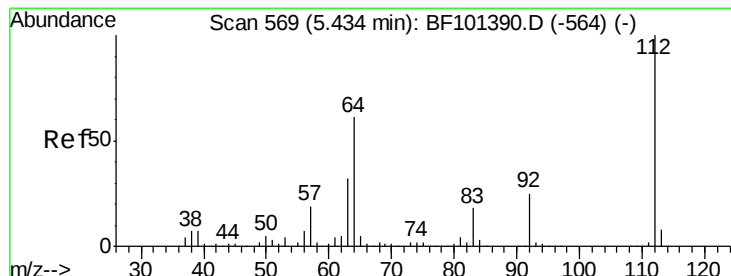
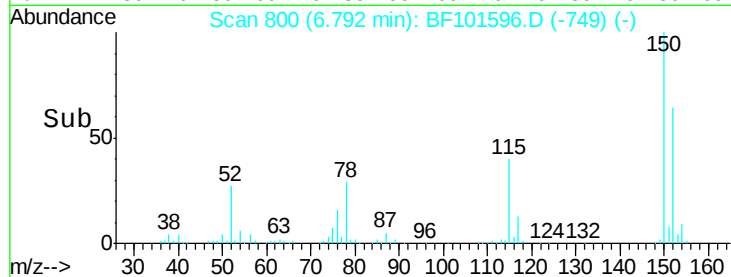
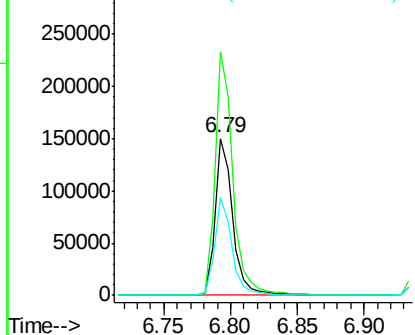
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101596.D
Acq: 21 Dec 2017 9:45

Instrument :
BNA_F
ClientSampleId :
121517-JETT-E-D-S

Tgt Ion:152 Resp: 140533
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 62.0 50.1 75.1



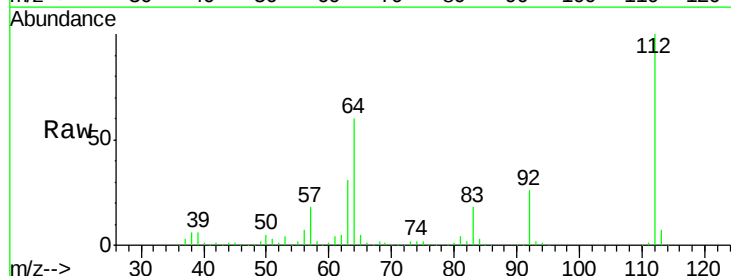
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



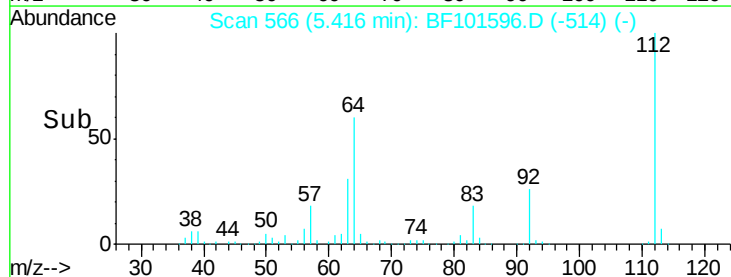
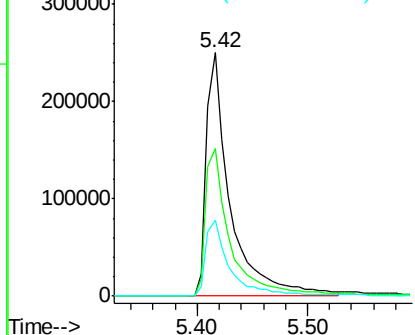
#5

2-Fluorophenol
Concen: 39.176 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101596.D
Acq: 21 Dec 2017 9:45

Tgt Ion:112 Resp: 369598
Ion Ratio Lower Upper
112 100
64 60.4 47.9 71.9
63 31.2 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: 24.902 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF101596.D

Acq: 21 Dec 2017 9:45

Instrument :

BNA_F

ClientSampleId :

121517-JETT-E-D-S

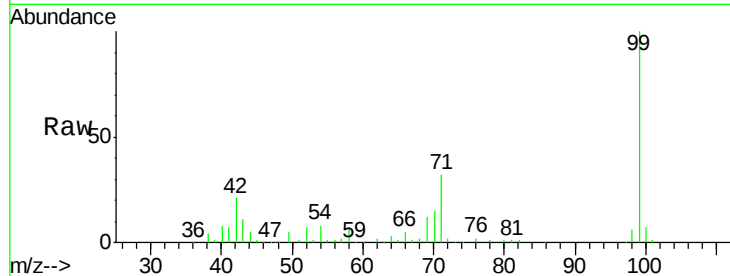
Tgt Ion: 99 Resp: 292389

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

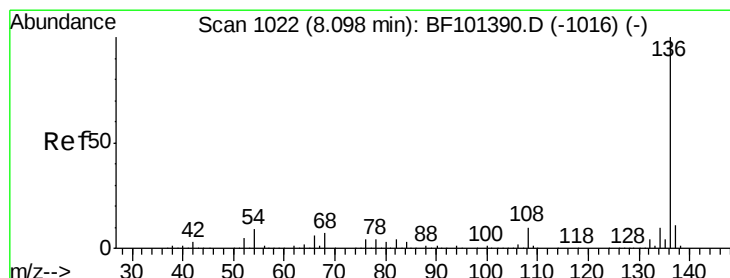
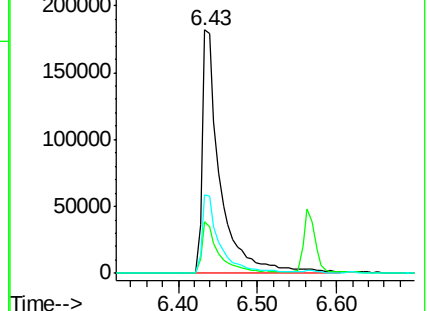
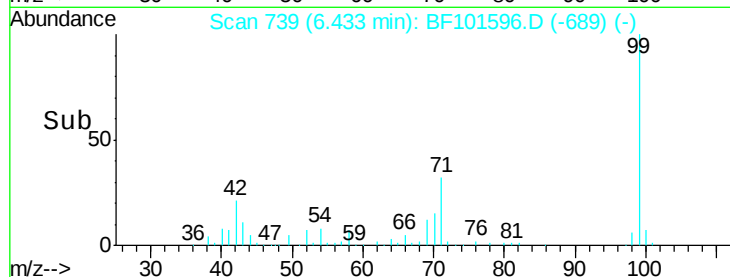
71 32.2 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101596.D

Acq: 21 Dec 2017 9:45

Tgt Ion: 136 Resp: 526606

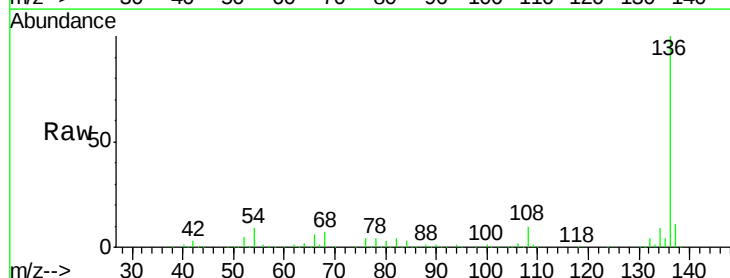
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 9.4 6.6 9.8

68 6.8 5.0 7.4

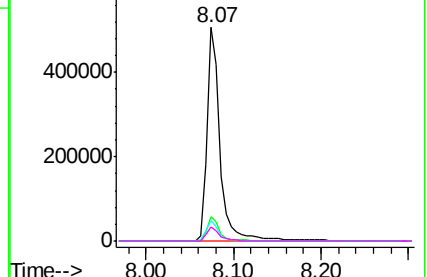
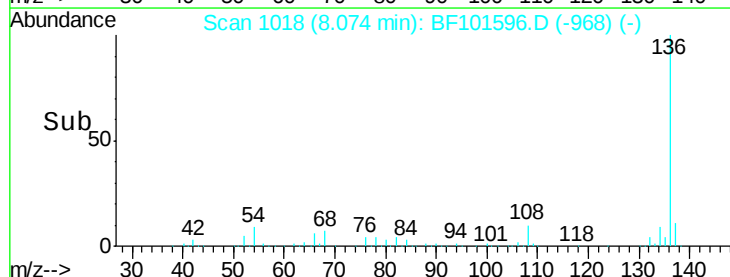


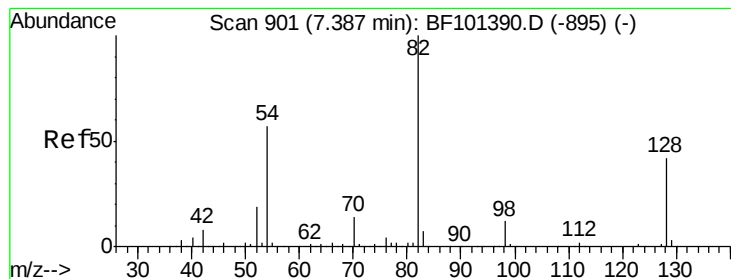
Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.898 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF101596.D

Acq: 21 Dec 2017 9:45

Instrument :

BNA_F

ClientSampleId :

121517-JETT-E-D-S

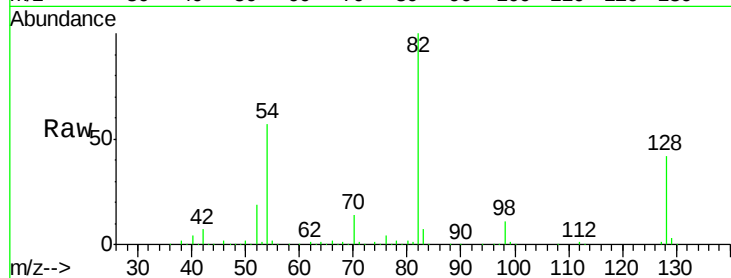
Tgt Ion: 82 Resp: 793683

Ion Ratio Lower Upper

82 100

128 42.0 36.1 54.1

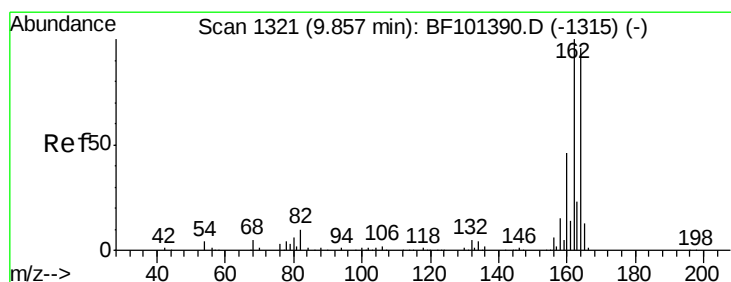
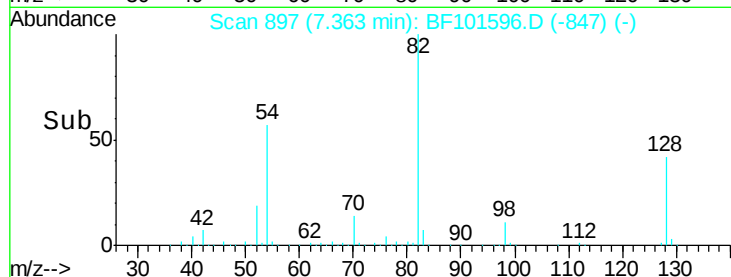
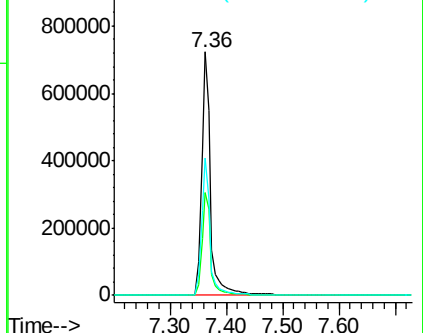
54 56.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF101596.D

Acq: 21 Dec 2017 9:45

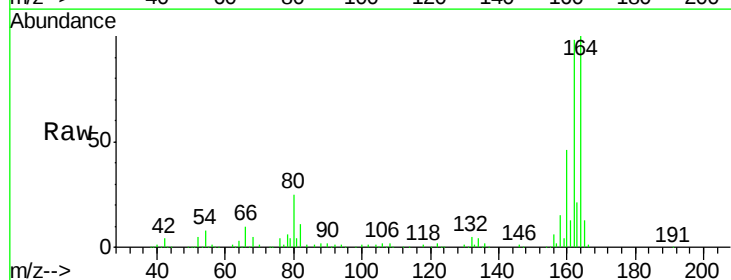
Tgt Ion: 164 Resp: 202618

Ion Ratio Lower Upper

164 100

162 98.2 86.1 129.1

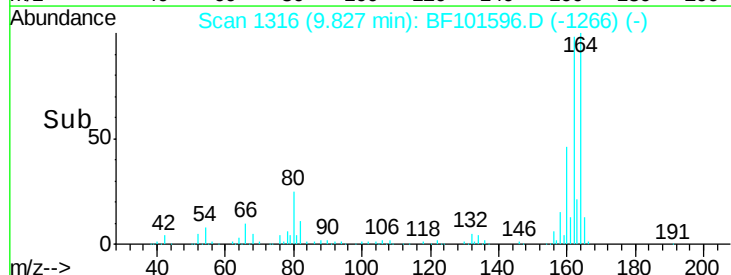
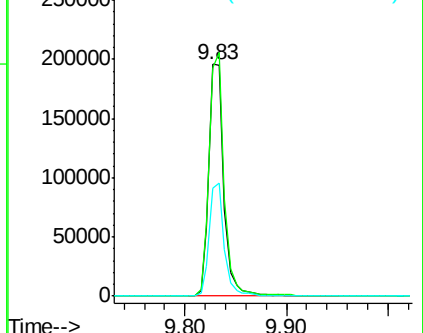
160 46.3 38.3 57.5

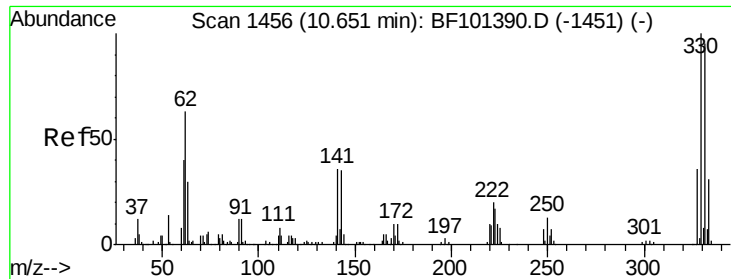


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 68.173 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF101596.D

Acq: 21 Dec 2017 9:45

Instrument :

BNA_F

ClientSampleId :

121517-JETT-E-D-S

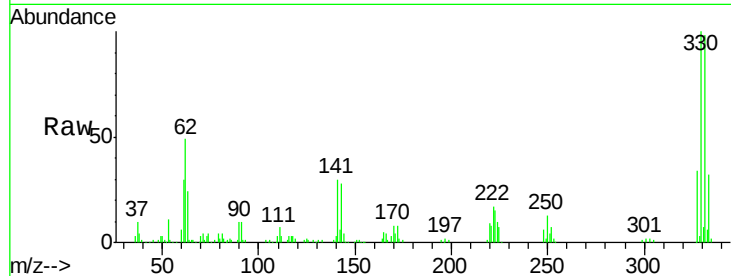
Tgt Ion:330 Resp: 133099

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

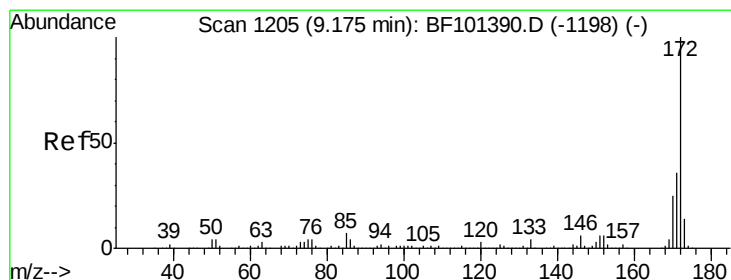
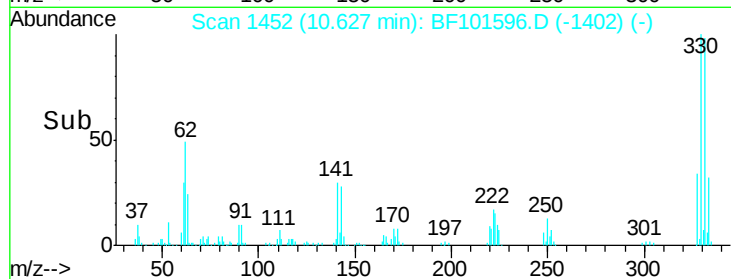
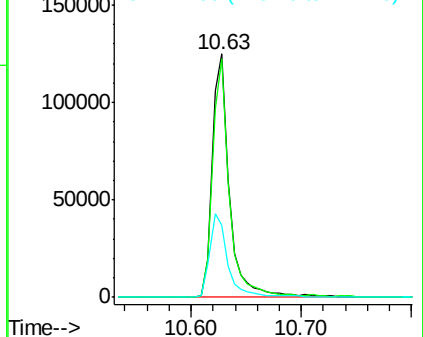
141 36.2 29.9 44.9



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: 90.650 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF101596.D

Acq: 21 Dec 2017 9:45

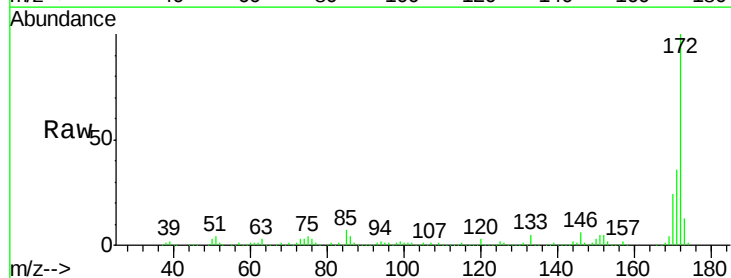
Tgt Ion:172 Resp: 1184046

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

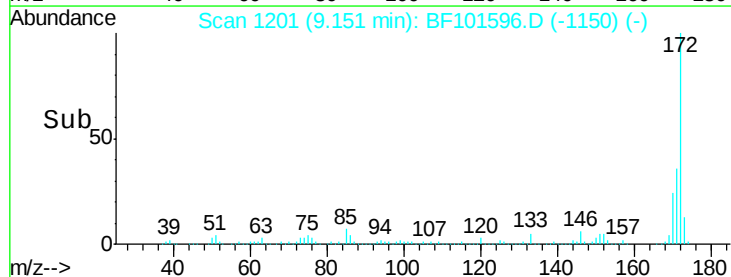
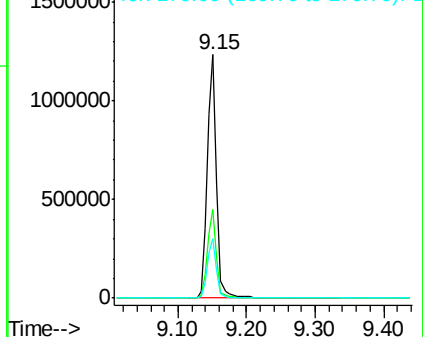
170 24.4 19.6 29.4

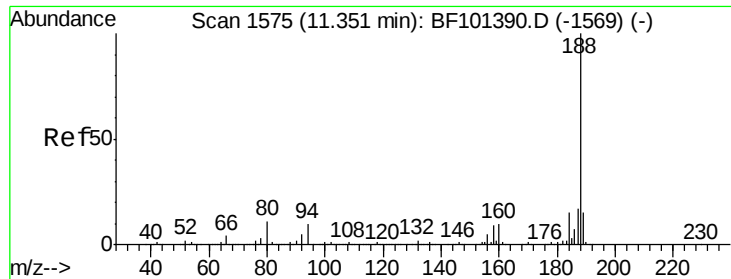


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

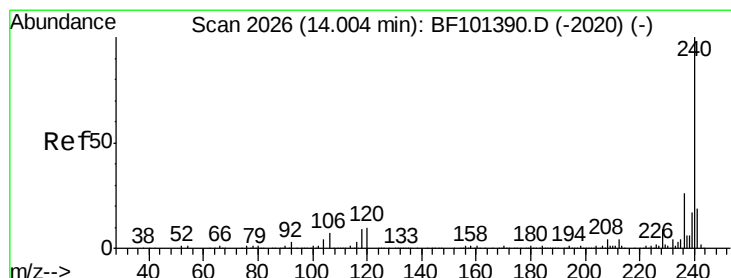
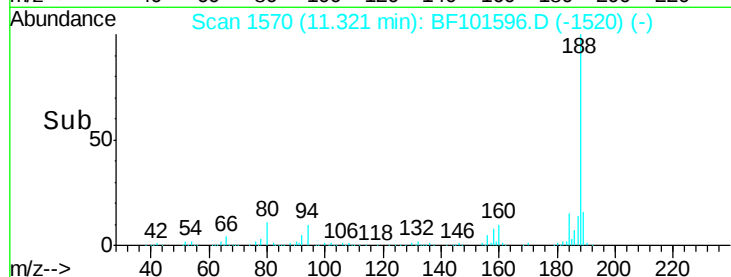
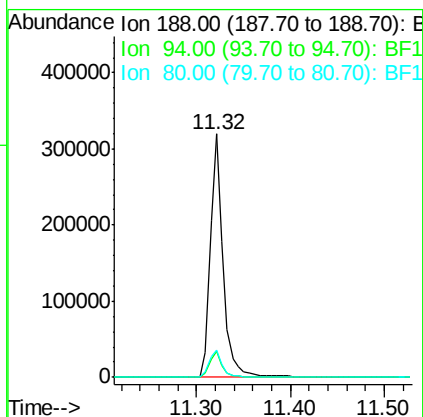
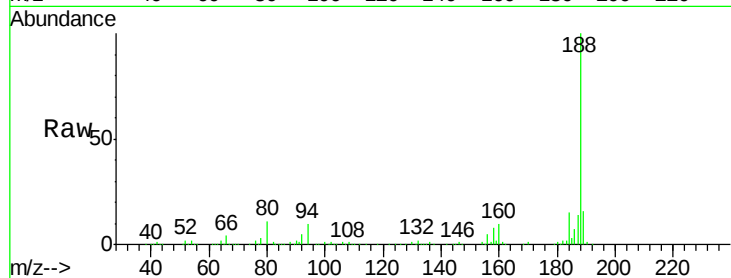




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101596.D
Acq: 21 Dec 2017 9:45

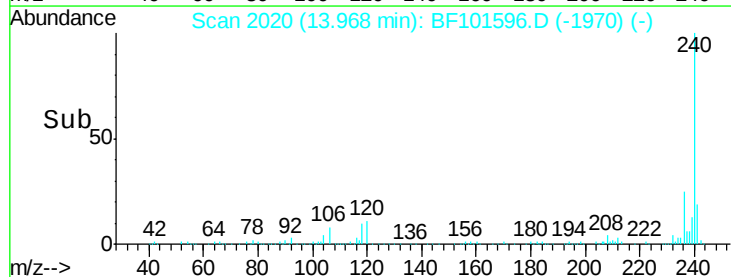
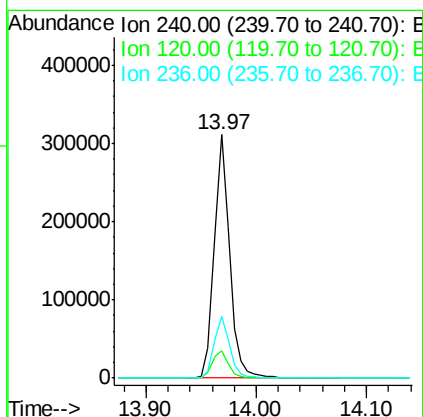
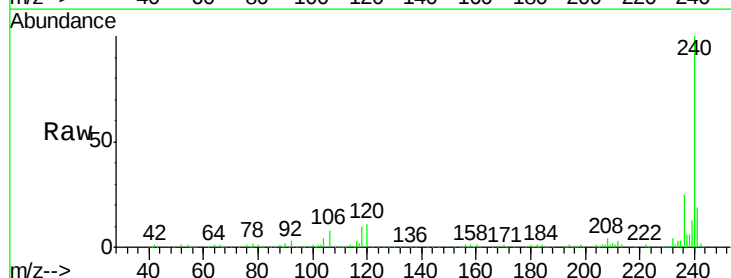
Instrument :
BNA_F
ClientSampleId :
121517-JETT-E-D-S

Tgt Ion:188 Resp: 308794
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101596.D
Acq: 21 Dec 2017 9:45

Tgt Ion:240 Resp: 299854
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 65.797 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101596.D

Acq: 21 Dec 2017 9:45

Instrument :

BNA_F

ClientSampleId :

121517-JETT-E-D-S

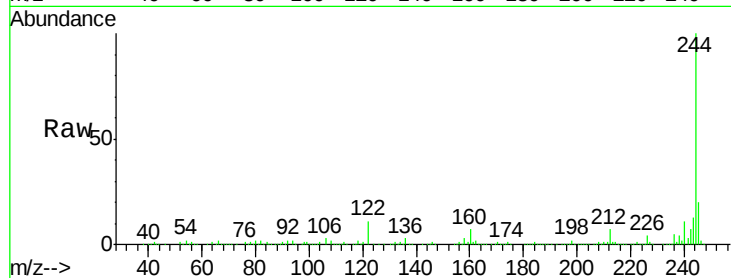
Tgt Ion:244 Resp: 818391

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

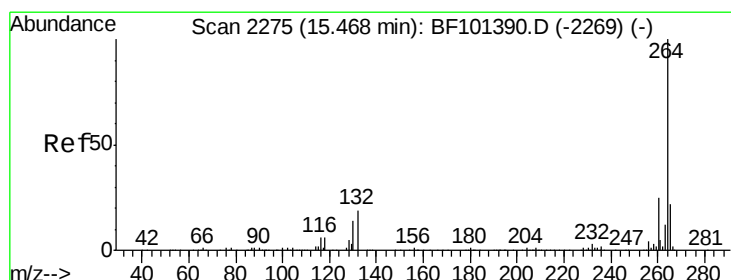
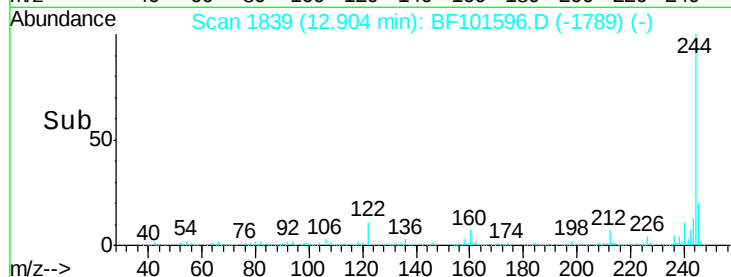
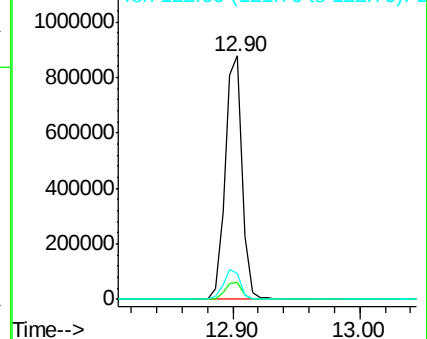
122 10.8 11.0 16.4#



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: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BF101596.D

Acq: 21 Dec 2017 9:45

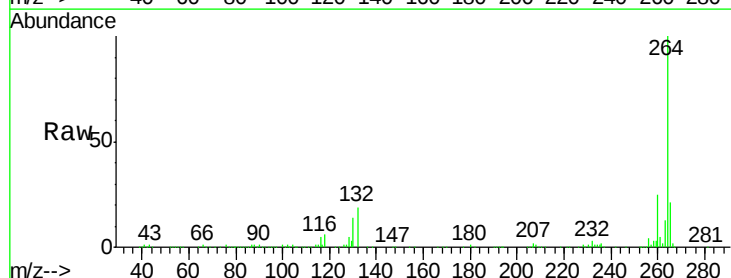
Tgt Ion:264 Resp: 308462

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.0 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

