

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030818\
 Data File : BF103544.D
 Acq On : 9 Mar 2018 4:44
 Operator : SJ/JU
 Sample : J1817-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 030518-JETT-F-U-B

Quant Time: Mar 09 05:42:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 08 14:20:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	137373	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	563268	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	218251	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	337583	20.00	ng	0.00
75) Chrysene-d12	14.06	240	233958	20.00	ng	0.00
86) Perylene-d12	15.56	264	168285	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	271932	29.94	ng	0.00
7) Phenol-d6	6.52	99	220303	19.82	ng	0.01
23) Nitrobenzene-d5	7.43	82	903268	91.58	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	107834	58.37	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1240165	102.85	ng	0.00
78) Terphenyl-d14	12.99	244	795983	81.79	ng	0.00

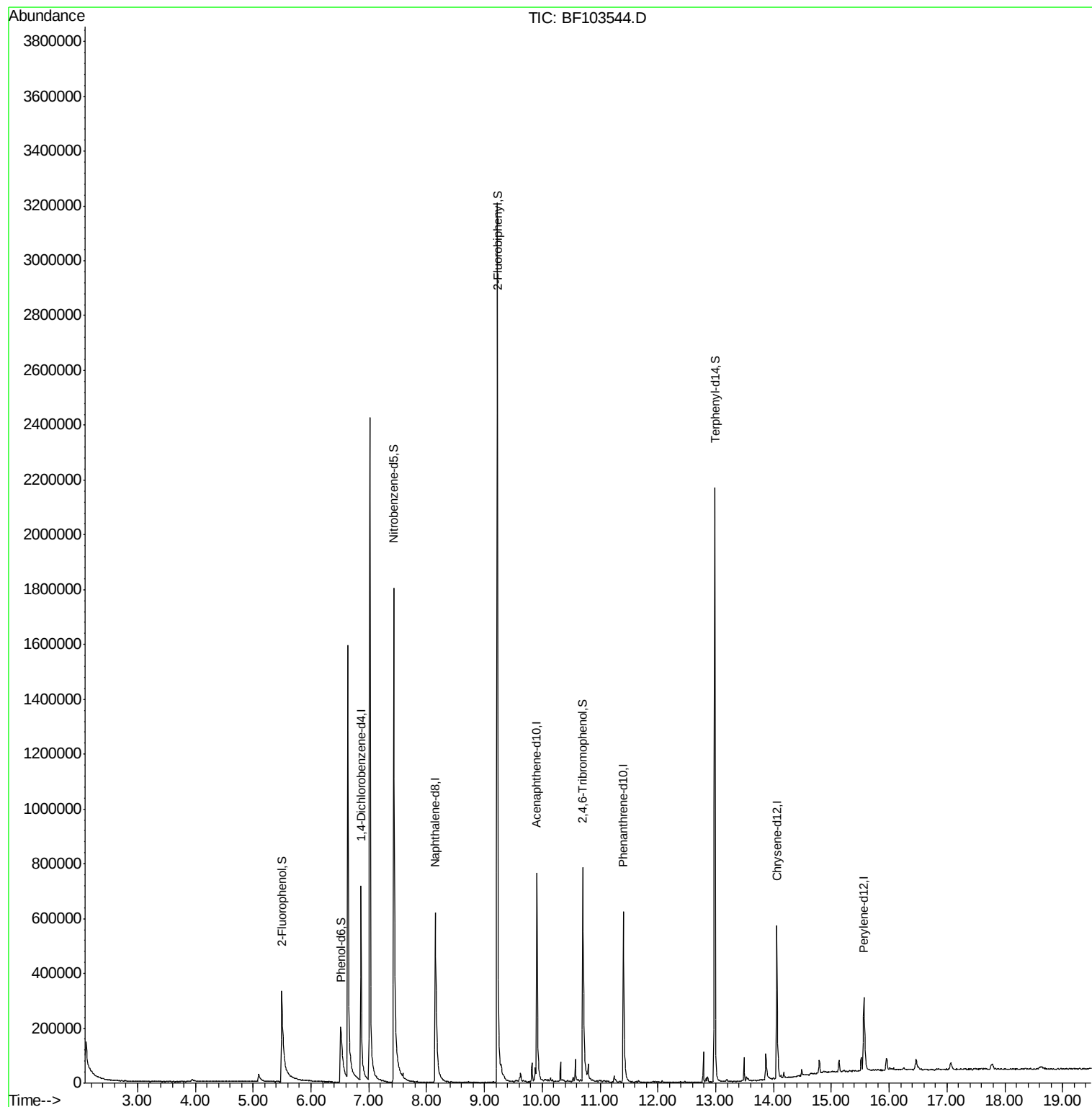
Target Compounds Qvalue

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

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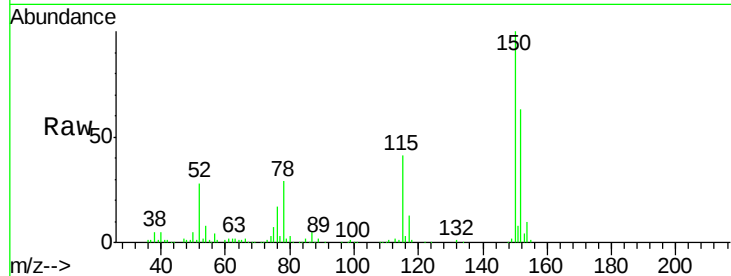


#1

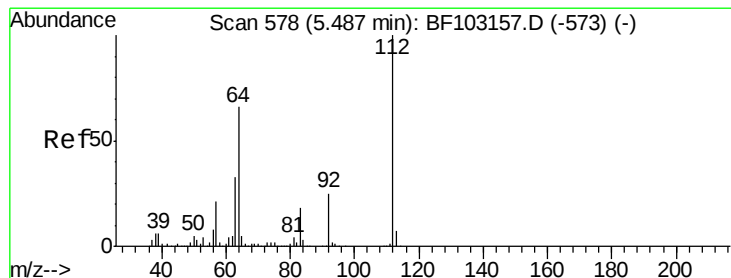
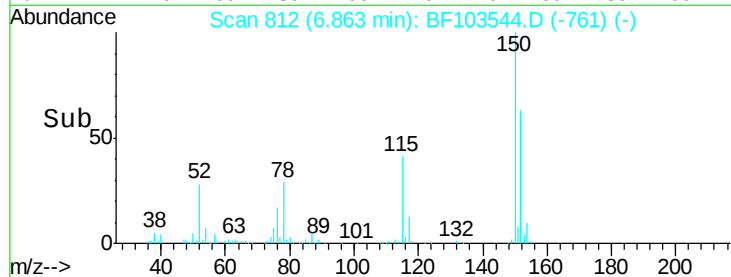
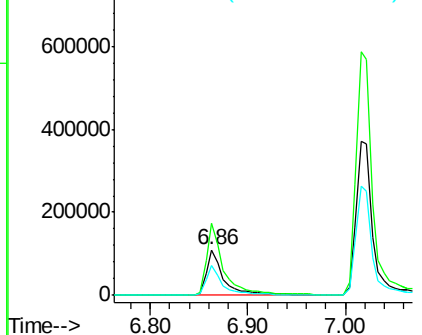
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103544.D
Acq: 9 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :
030518-JETT-F-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.6	186.8
115	65.1	50.1	75.1



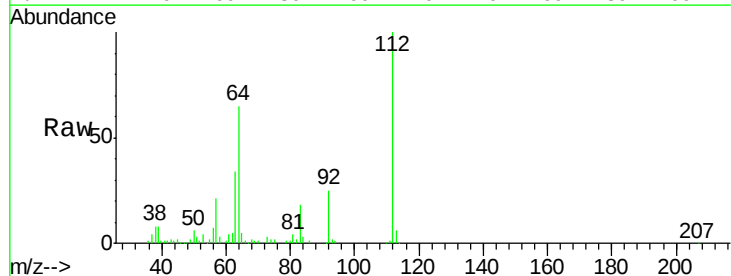
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



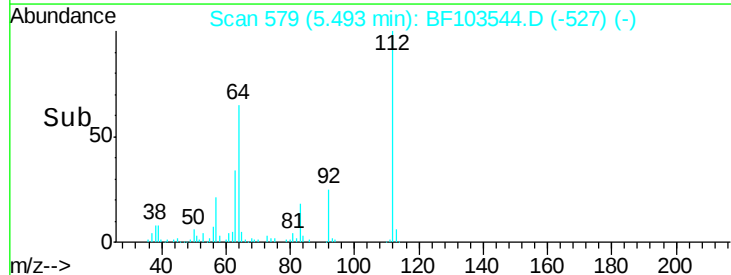
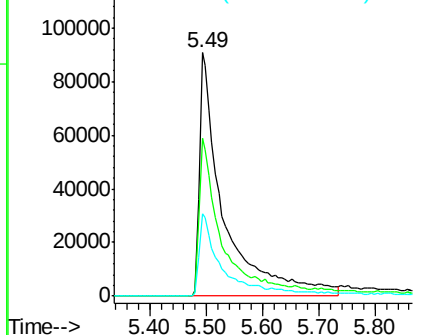
#5

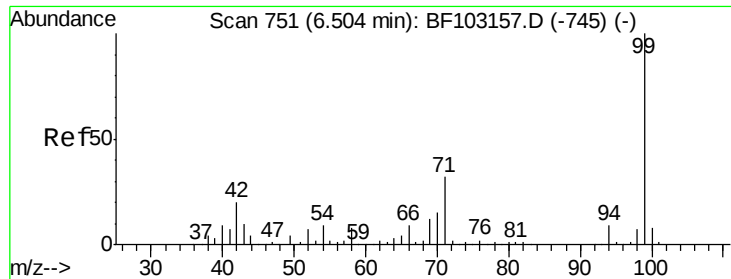
2-Fluorophenol
Concen: 29.939 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF103544.D
Acq: 9 Mar 2018 4:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.9	47.9	71.9
63	33.7	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: 19.822 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF103544.D

Acq: 9 Mar 2018 4:44

Instrument :

BNA_F

ClientSampleId :

030518-JETT-F-U-B

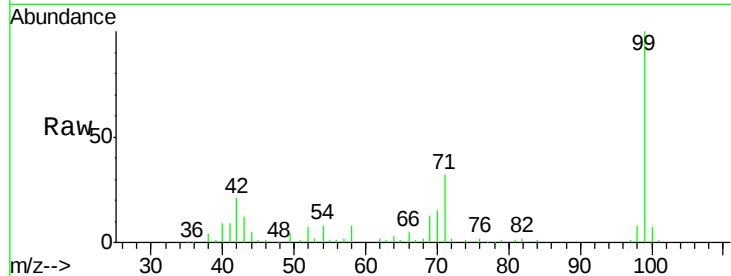
Tot Ion: 99 Resp: 220303

Ion Ratio Lower Upper

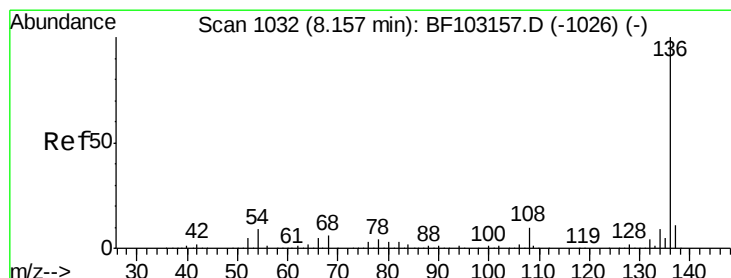
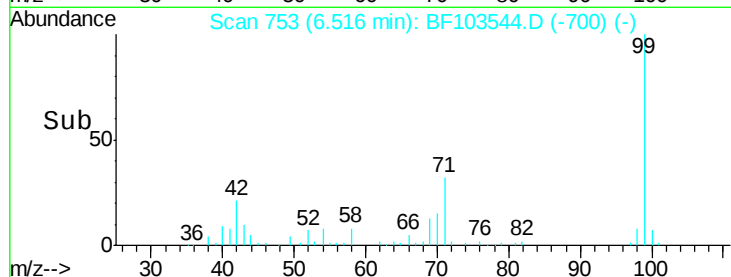
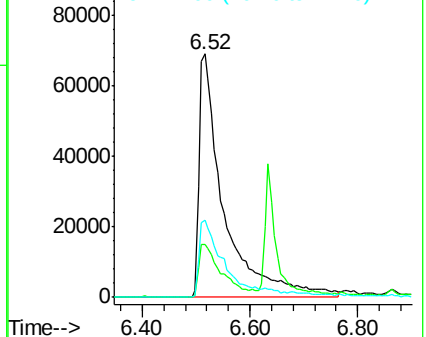
99 100

42 21.5 14.5 21.7

71 31.9 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: 8.15 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF103544.D

Acq: 9 Mar 2018 4:44

Tgt Ion: 136 Resp: 563268

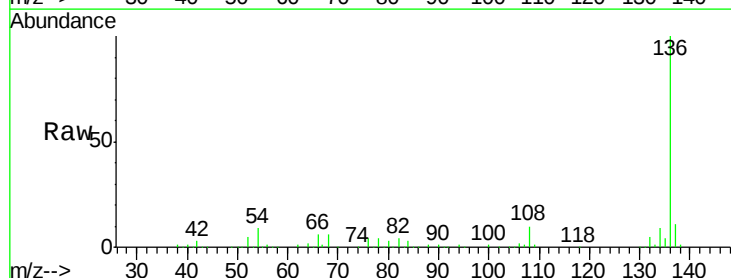
Ion Ratio Lower Upper

136 100

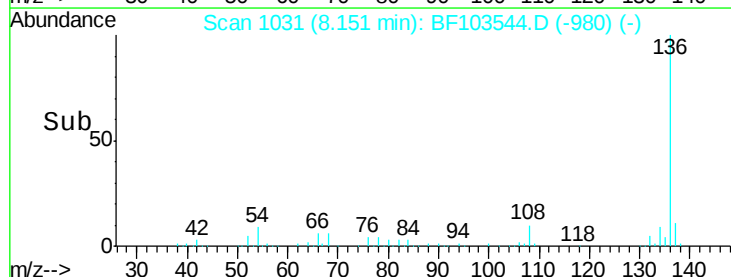
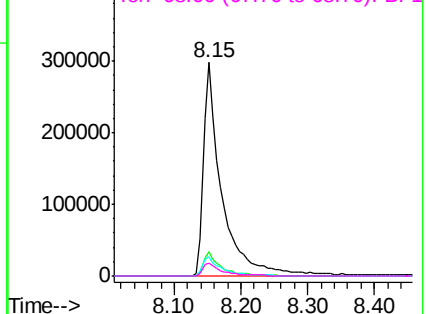
137 11.2 8.9 13.3

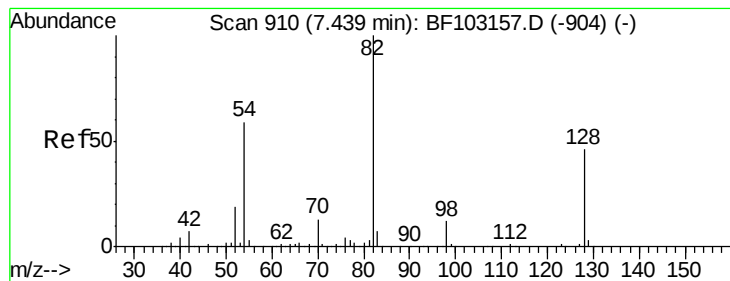
54 9.1 6.6 9.8

68 6.2 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: 91.580 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF103544.D

Acq: 9 Mar 2018 4:44

Instrument :

BNA_F

ClientSampleId :

030518-JETT-F-U-B

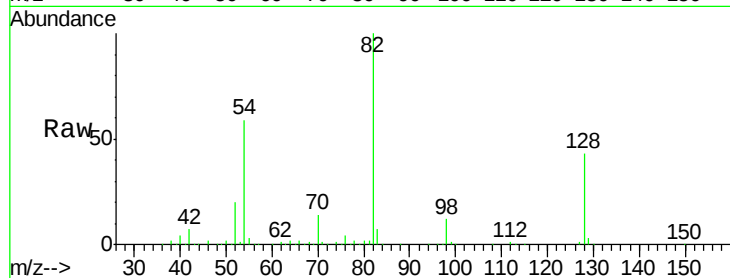
Tot Ion: 82 Resp: 903268

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

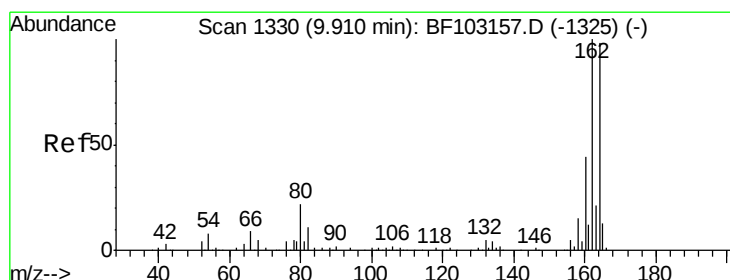
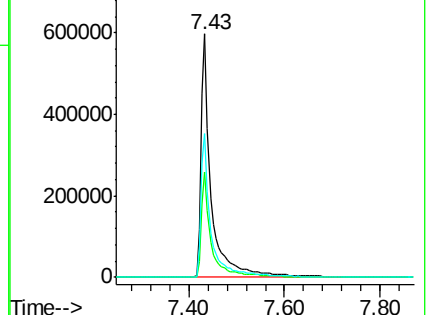
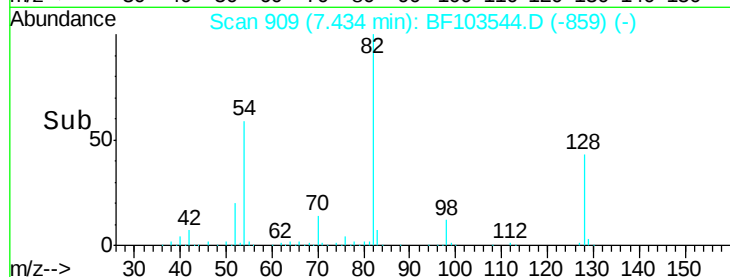
54 59.0 41.4 62.2



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: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF103544.D

Acq: 9 Mar 2018 4:44

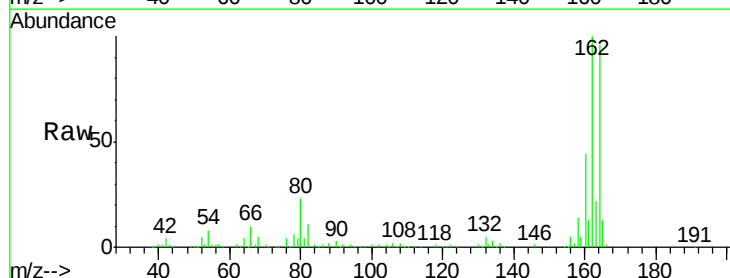
Tgt Ion: 164 Resp: 218251

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

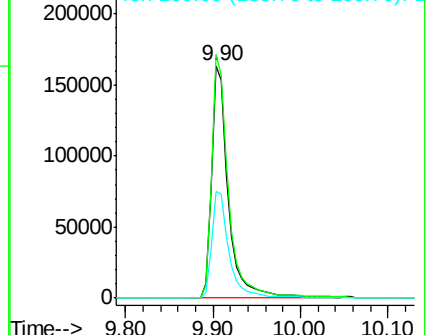
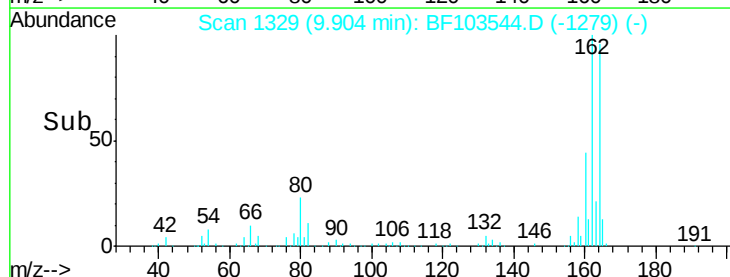
160 46.1 38.3 57.5



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

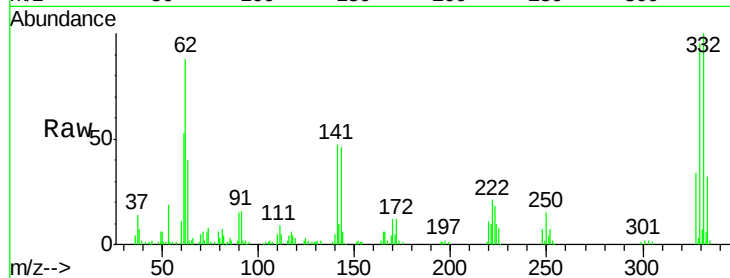




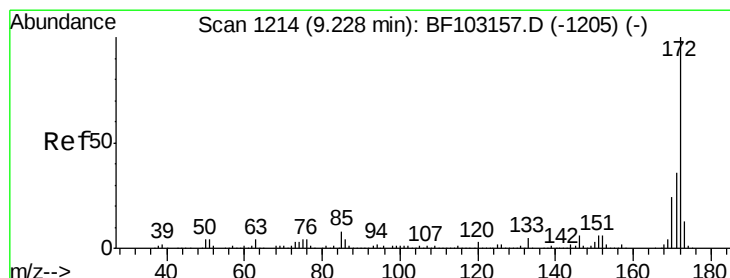
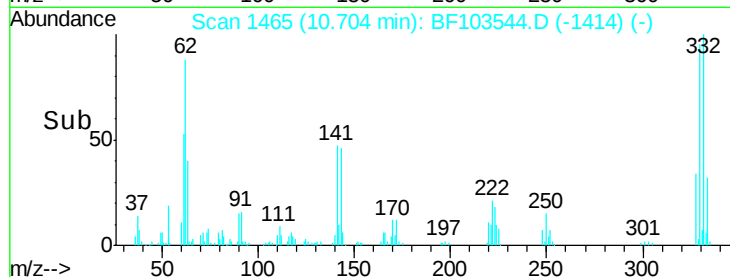
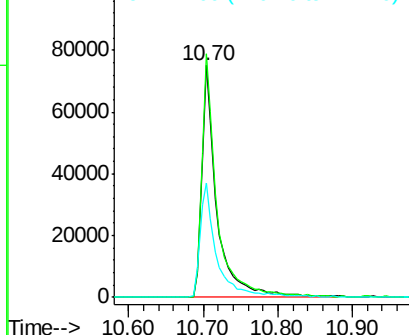
#41
 2,4,6-Tribromophenol
 Concen: 58.371 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103544.D
 Acq: 9 Mar 2018 4:44

Instrument :
 BNA_F
 ClientSampleId :
 030518-JETT-F-U-B

Tot Ion:330 Resp: 107834
 Ion Ratio Lower Upper
 330 100
 332 104.6 77.0 115.6
 141 53.6 29.9 44.9#

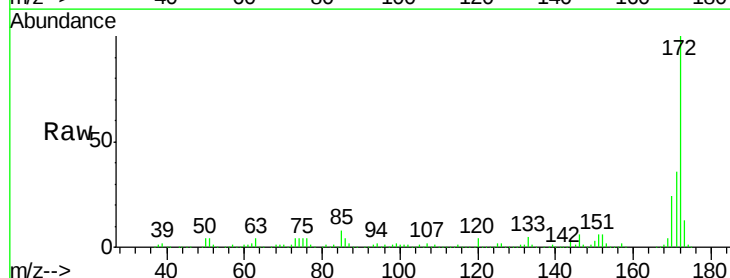


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

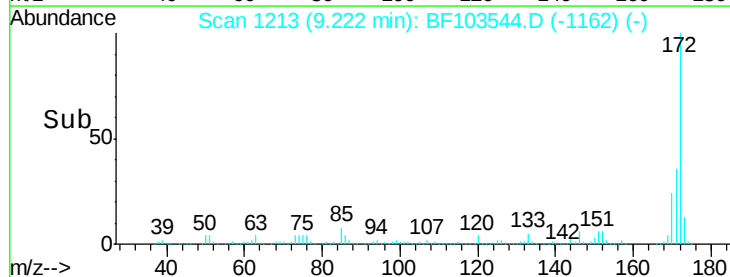
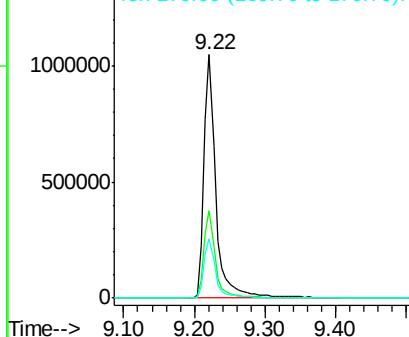


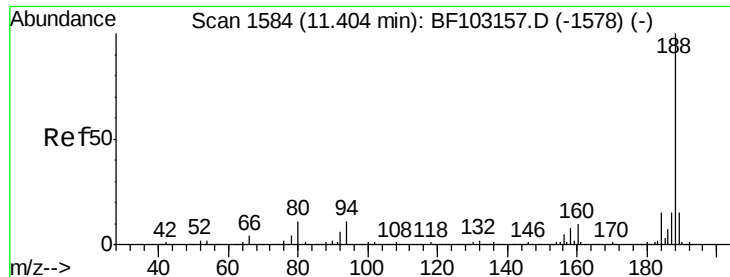
#44
 2-Fluorobiphenyl
 Concen: 102.850 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.00 min
 Lab File: BF103544.D
 Acq: 9 Mar 2018 4:44

Tgt Ion:172 Resp: 1240165
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.3 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

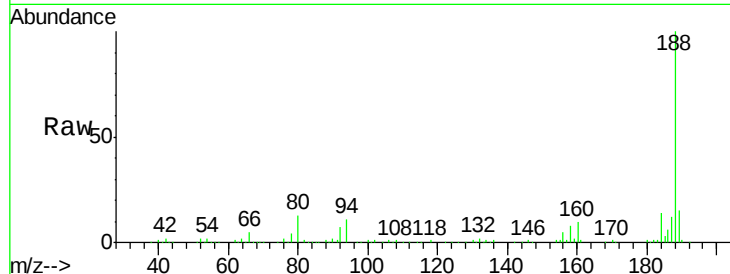




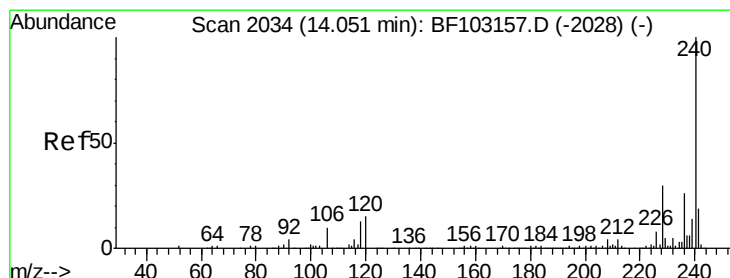
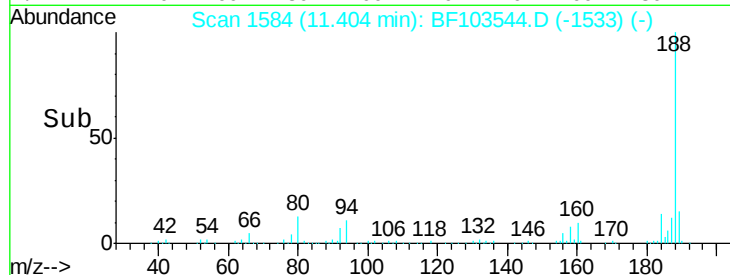
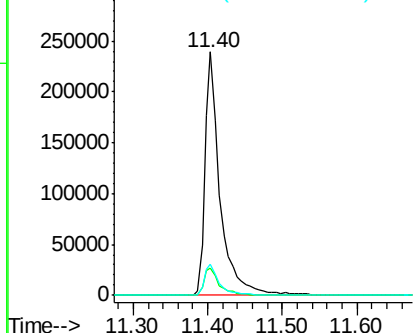
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103544.D
Acq: 9 Mar 2018 4:44

Instrument :
BNA_F
ClientSampleId :
030518-JETT-F-U-B

Tot Ion:188 Resp: 337583
Ion Ratio Lower Upper
188 100
94 11.2 8.5 12.7
80 12.9 9.2 13.8

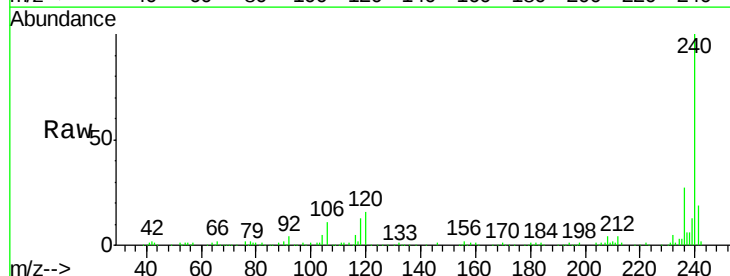


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

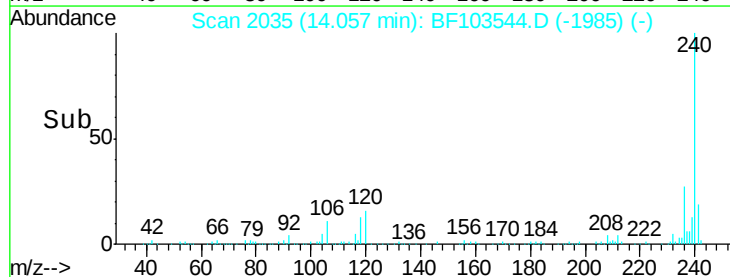
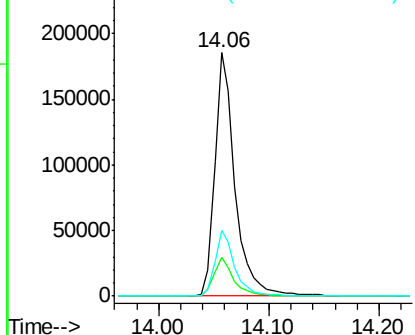


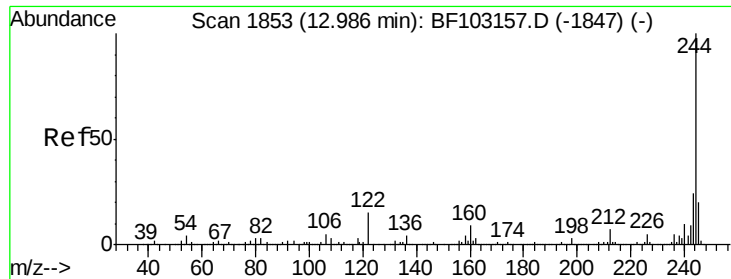
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF103544.D
Acq: 9 Mar 2018 4:44

Tgt Ion:240 Resp: 233958
Ion Ratio Lower Upper
240 100
120 16.1 9.5 14.3#
236 26.8 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: 81.785 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF103544.D

Acq: 9 Mar 2018 4:44

Instrument :

BNA_F

ClientSampleId :

030518-JETT-F-U-B

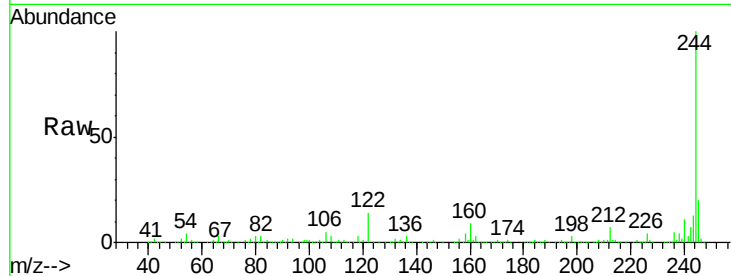
Tot Ion:244 Resp: 795983

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

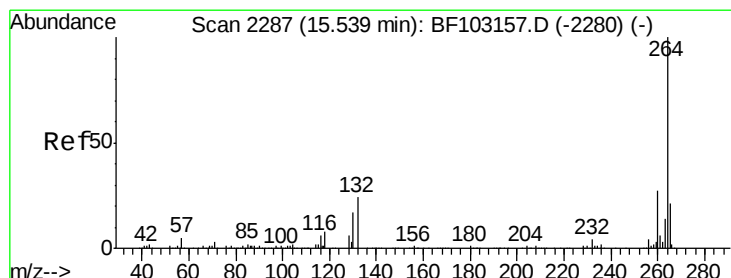
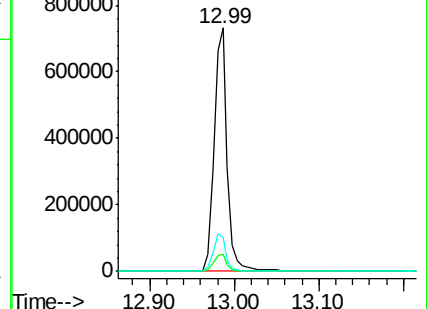
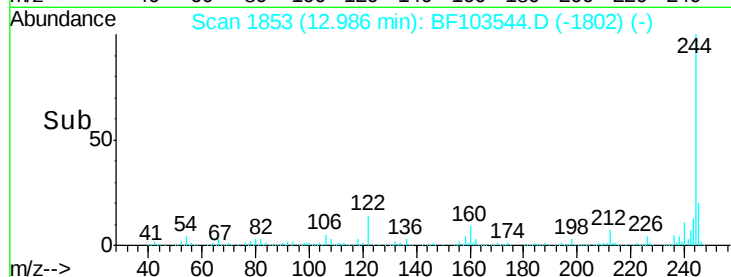
122 14.0 11.0 16.4



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: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF103544.D

Acq: 9 Mar 2018 4:44

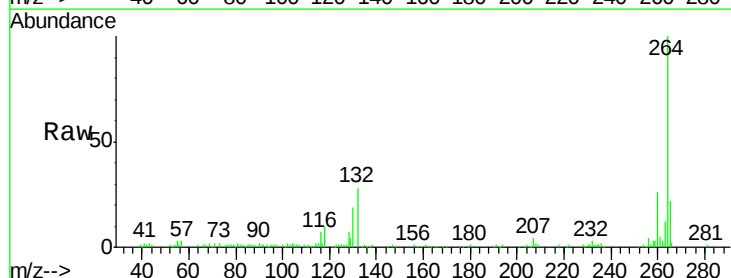
Tgt Ion:264 Resp: 168285

Ion Ratio Lower Upper

264 100

260 25.7 19.2 28.8

265 21.8 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

