

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104345.D
 Acq On : 7 Apr 2018 8:58
 Operator : JU/SJ
 Sample : J2225-20
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 040218-JETT-F-U-B

Quant Time: Apr 09 01:06:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	133646	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	533834	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	233473	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	345268	20.00	ng	0.00
75) Chrysene-d12	13.97	240	262658	20.00	ng	0.00
86) Perylene-d12	15.43	264	247145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	387370	44.32	ng	0.00
7) Phenol-d6	6.42	99	296531	27.61	ng	-0.01
23) Nitrobenzene-d5	7.37	82	865793	105.90	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	205188	84.72	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1408682	95.32	ng	0.00
78) Terphenyl-d14	12.92	244	1089145	94.54	ng	0.00

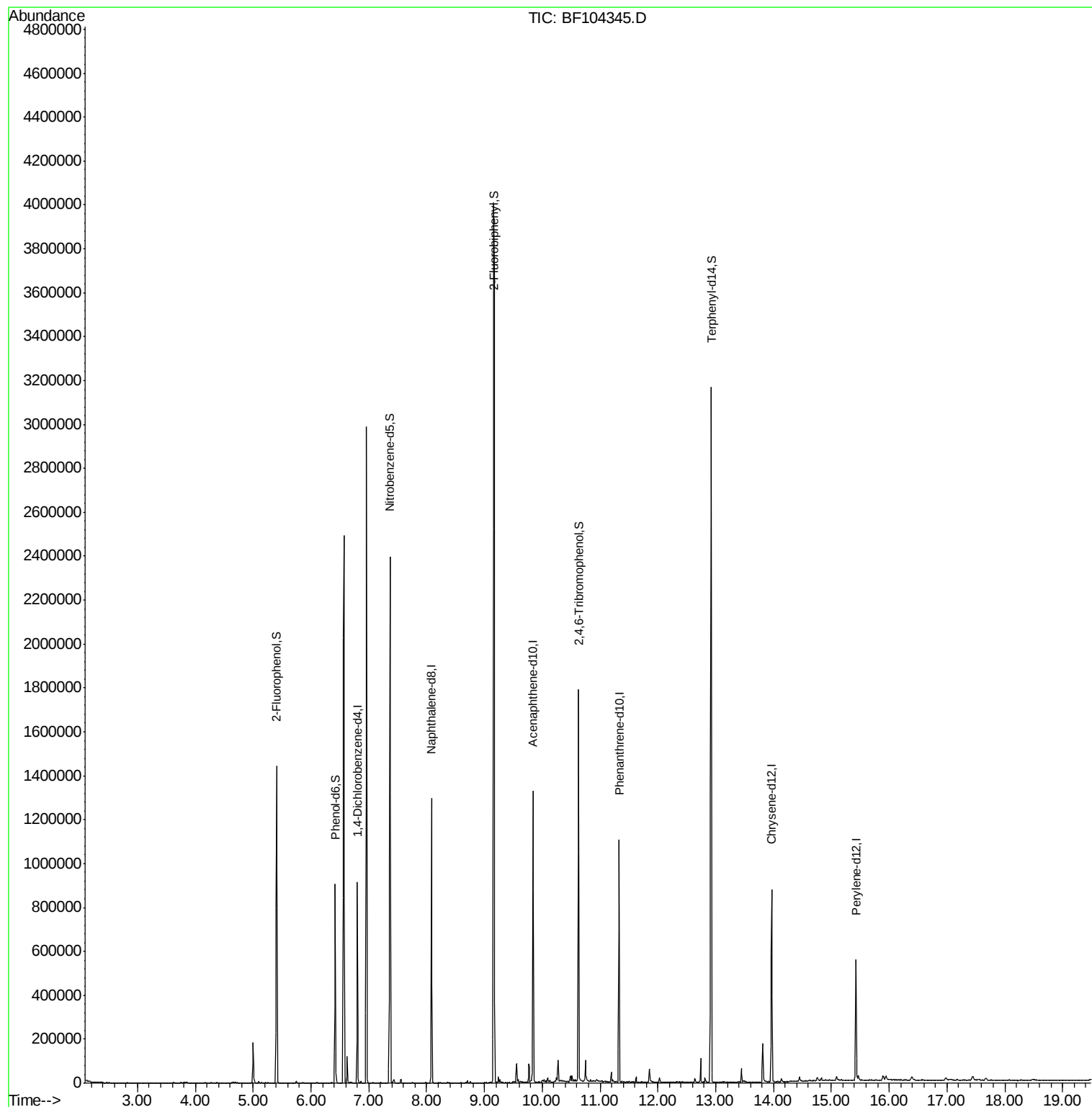
Target Compounds Qvalue

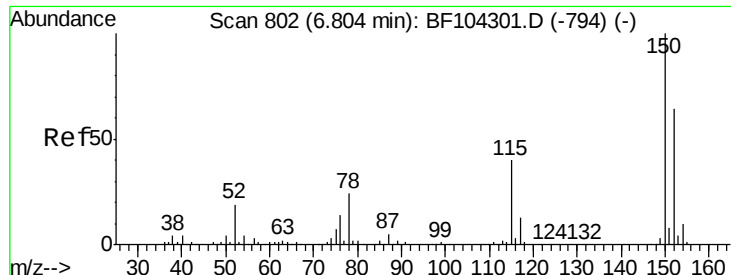
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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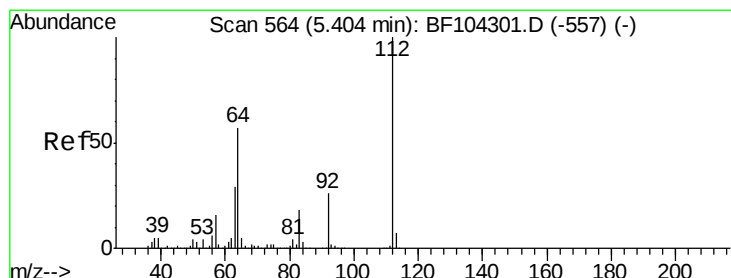
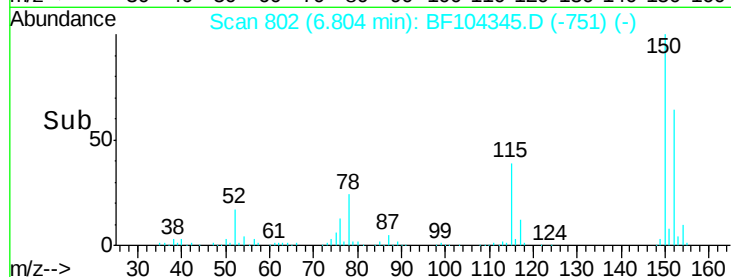
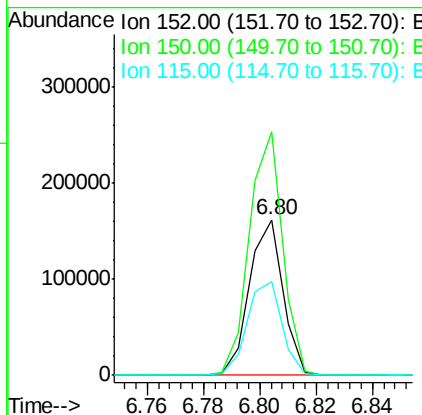
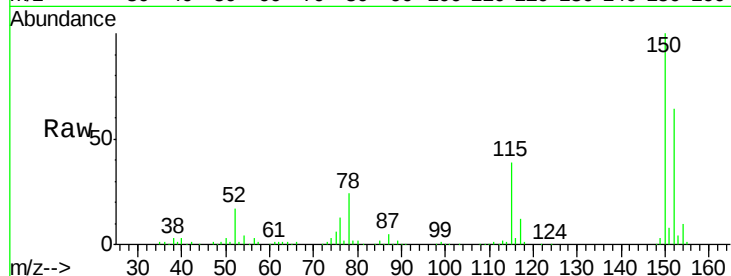


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: BF104345.D
 Acq: 7 Apr 2018 8:58

Instrument :
 BNA_F
 ClientSampleId :
 040218-JETT-F-U-B

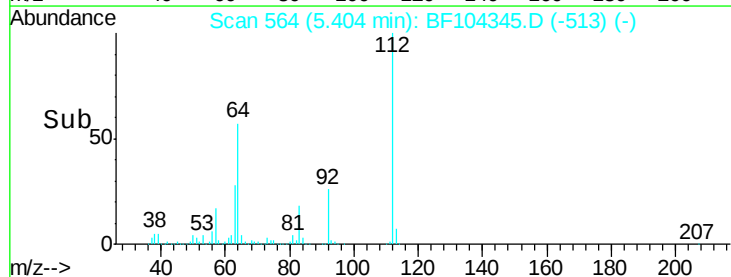
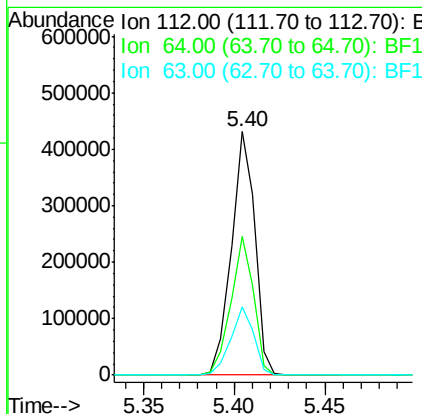
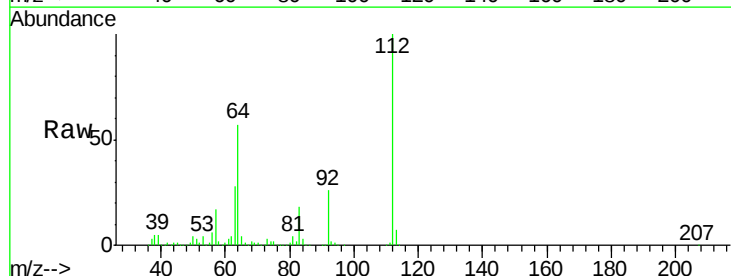
Tot Ion:152 Resp: 133646
 Ion Ratio Lower Upper
 152 100
 150 156.4 124.6 186.8
 115 60.6 50.1 75.1



#5

2-Fluorophenol
 Concen: 44.319 ng
 RT: 5.40 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: BF104345.D
 Acq: 7 Apr 2018 8:58

Tgt Ion:112 Resp: 387370
 Ion Ratio Lower Upper
 112 100
 64 56.9 47.9 71.9
 63 28.0 23.7 35.5





#7

Phenol-d6

Concen: 27.612 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104345.D

Acq: 7 Apr 2018 8:58

Instrument :

BNA_F

ClientSampleId :

040218-JETT-F-U-B

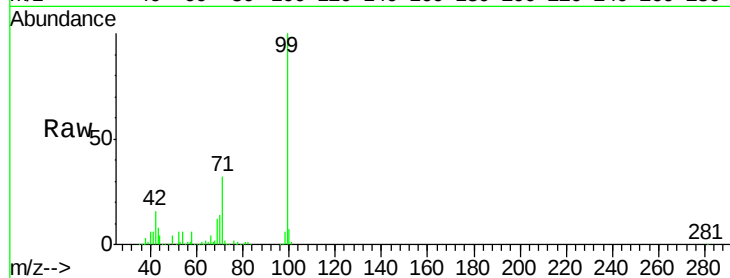
Tot Ion: 99 Resp: 296531

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

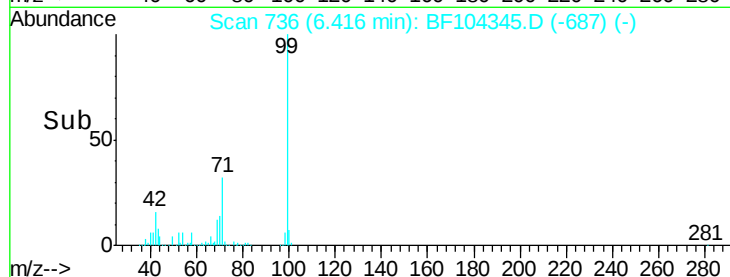
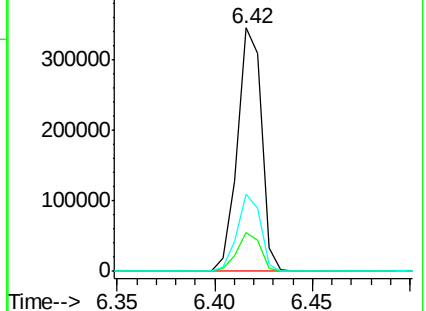
71 32.0 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF104345.D

Acq: 7 Apr 2018 8:58

Tgt Ion: 136 Resp: 533834

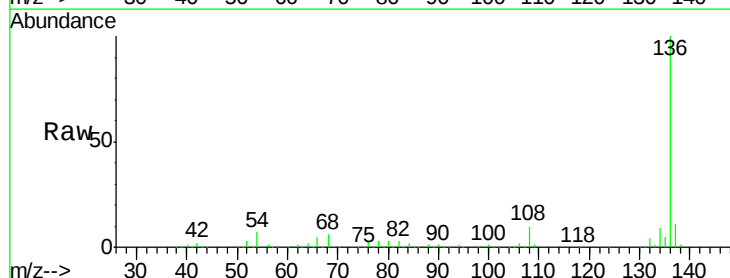
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.8 6.6 9.8

68 5.9 5.0 7.4

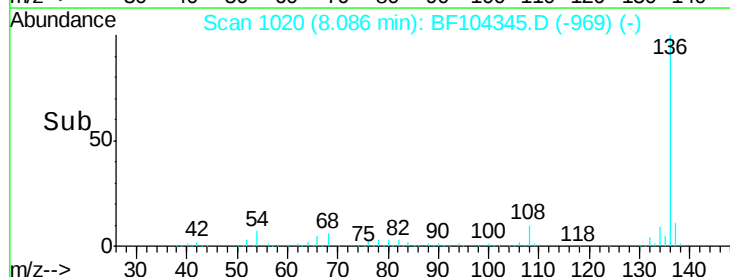
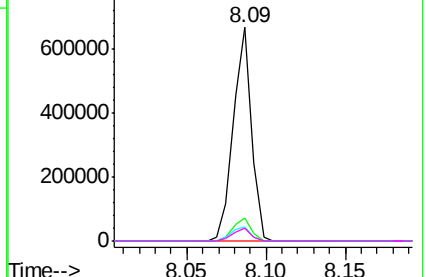


Abundance Ion 136.00 (135.70 to 136.70): E

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

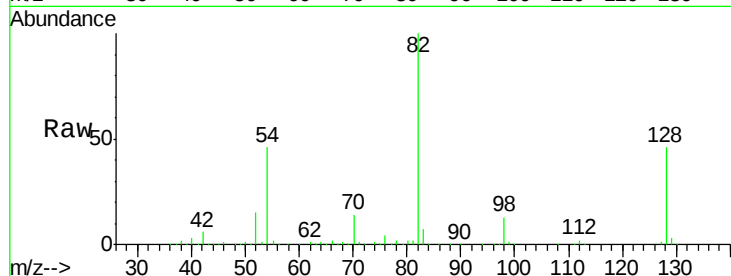




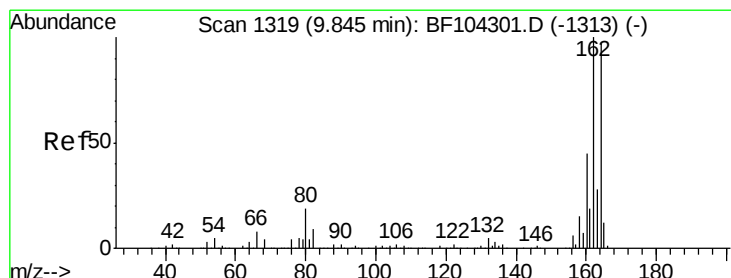
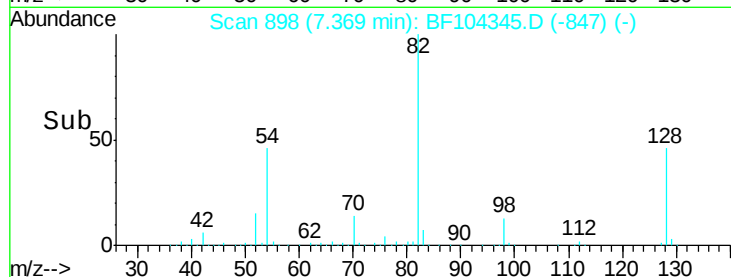
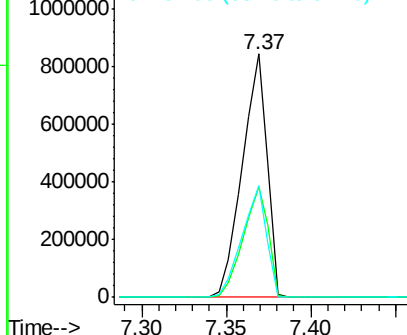
#23
 Nitrobenzene-d5
 Concen: 105.903 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BF104345.D
 Acq: 7 Apr 2018 8:58

Instrument :
 BNA_F
 ClientSampleId :
 040218-JETT-F-U-B

Tot Ion: 82 Resp: 865793
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 46.1 41.4 62.2

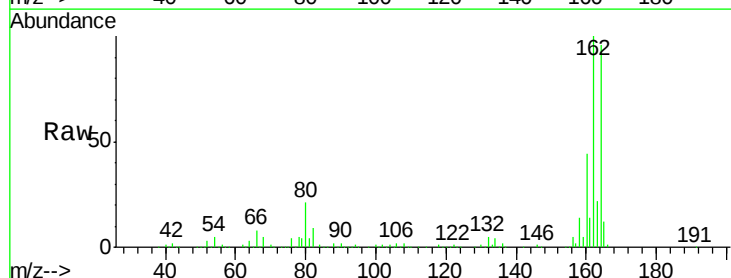


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

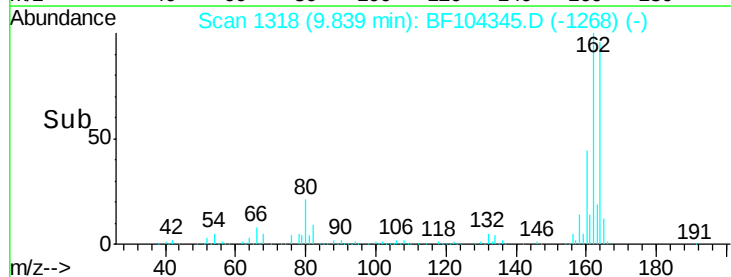
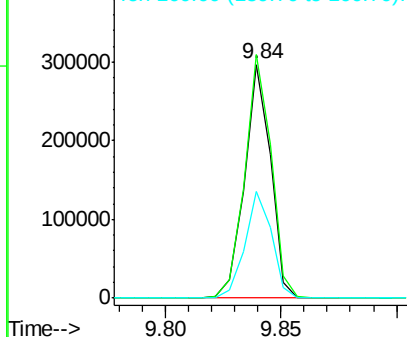


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104345.D
 Acq: 7 Apr 2018 8:58

Tgt Ion: 164 Resp: 233473
 Ion Ratio Lower Upper
 164 100
 162 104.2 86.1 129.1
 160 45.7 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: 84.723 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF104345.D

Acq: 7 Apr 2018 8:58

Instrument :

BNA_F

ClientSampleId :

040218-JETT-F-U-B

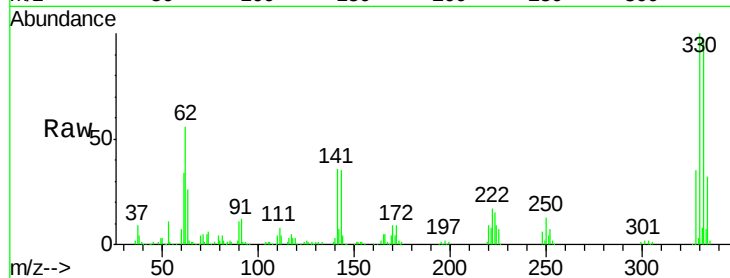
Tot Ion:330 Resp: 205188

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

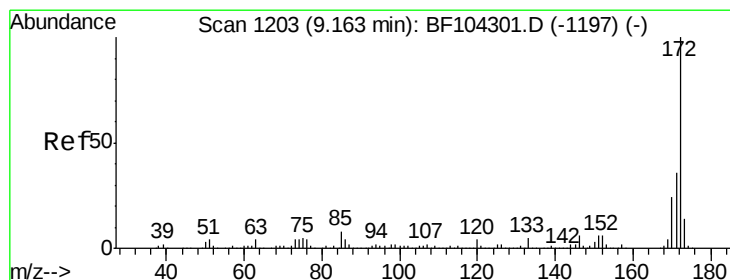
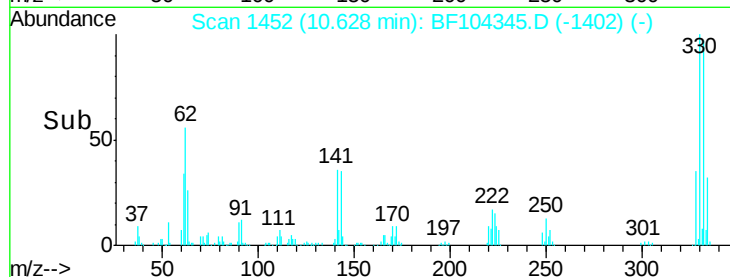
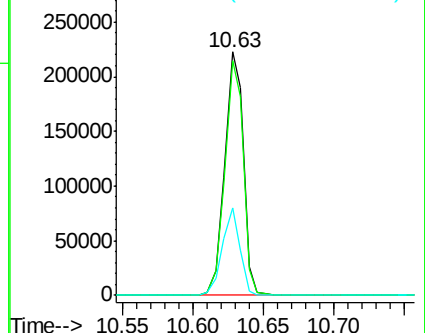
141 33.8 29.9 44.9



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: 95.316 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF104345.D

Acq: 7 Apr 2018 8:58

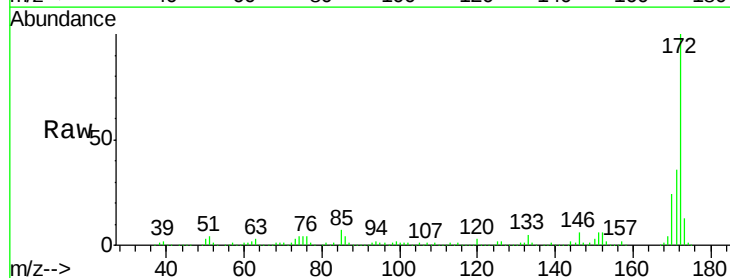
Tgt Ion:172 Resp: 1408682

Ion Ratio Lower Upper

172 100

171 36.2 29.7 44.5

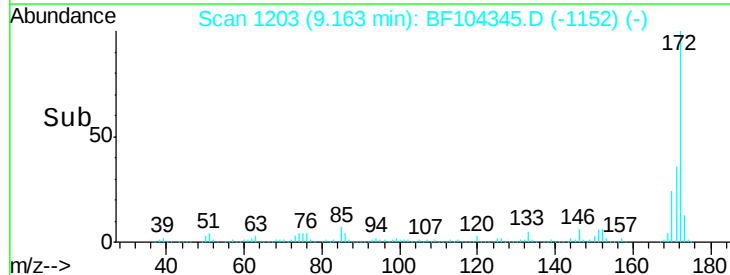
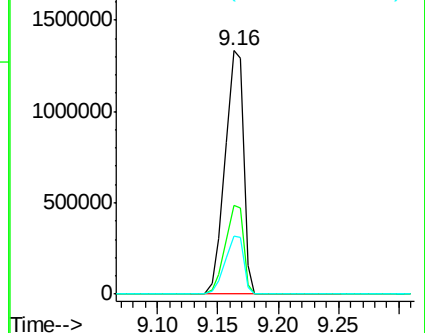
170 24.1 19.6 29.4

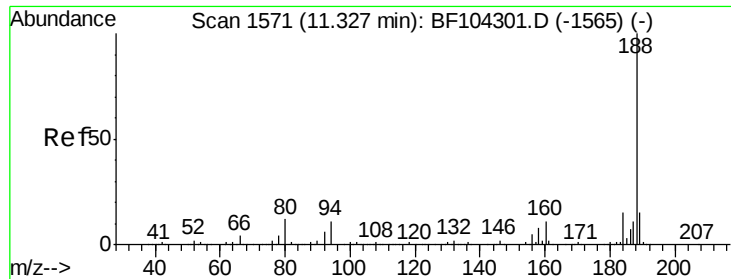


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

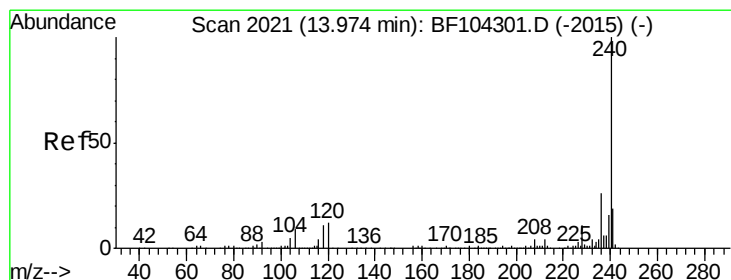
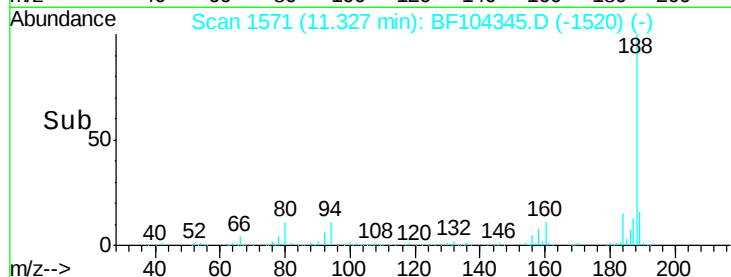
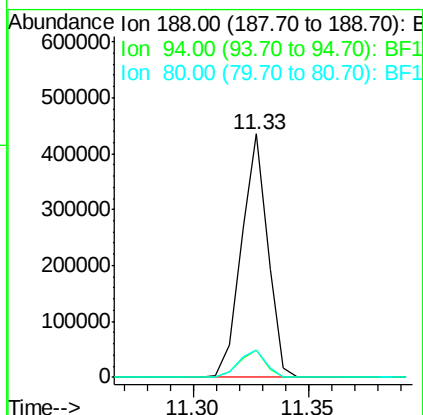
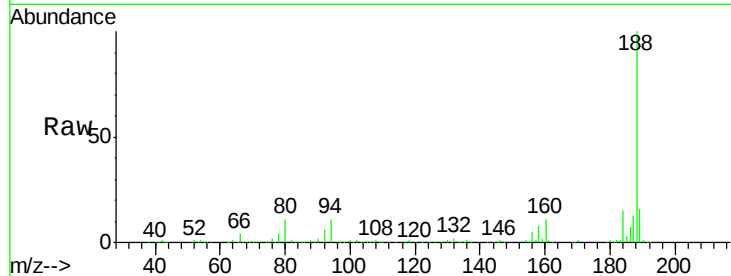




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104345.D
Acq: 7 Apr 2018 8:58

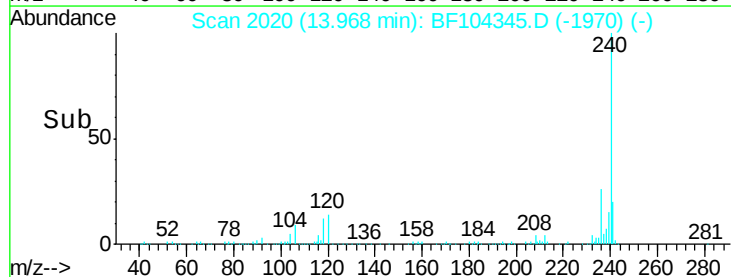
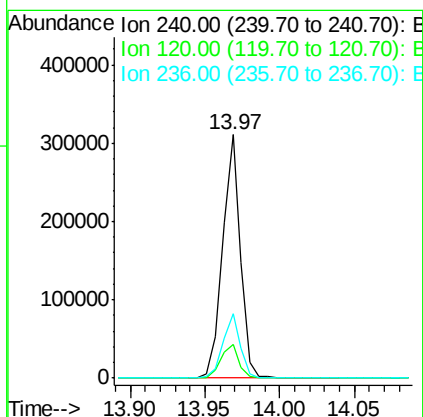
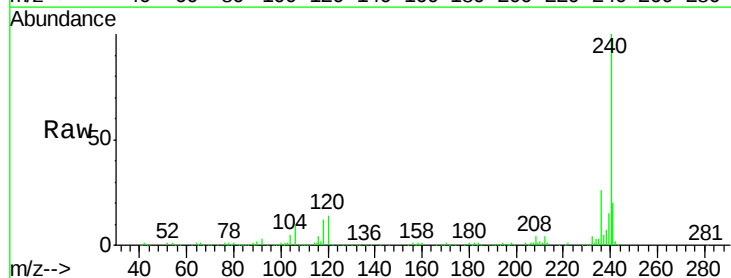
Instrument :
BNA_F
ClientSampleId :
040218-JETT-F-U-B

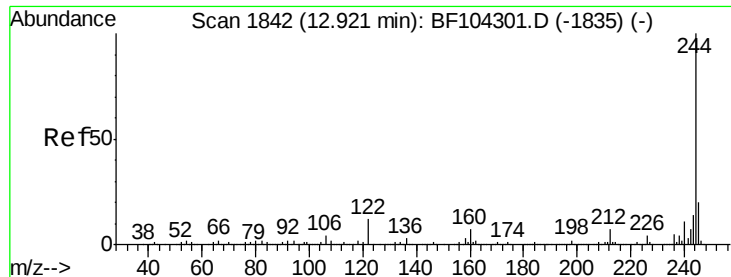
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	11.4	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF104345.D
Acq: 7 Apr 2018 8:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.5	14.3
236	26.4	20.7	31.1





#78

Terphenyl-d14

Concen: 94.536 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104345.D

Acq: 7 Apr 2018 8:58

Instrument :

BNA_F

ClientSampleId :

040218-JETT-F-U-B

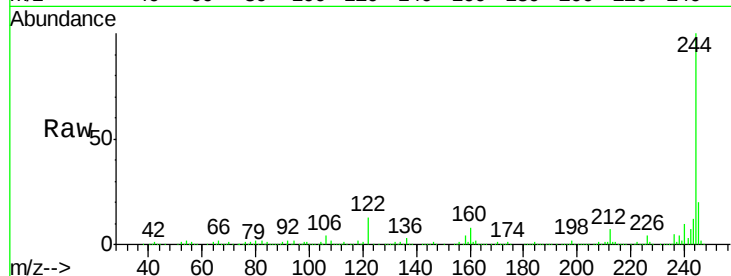
Tot Ion:244 Resp: 1089145

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

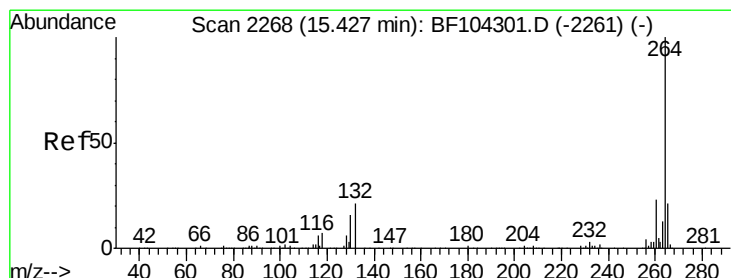
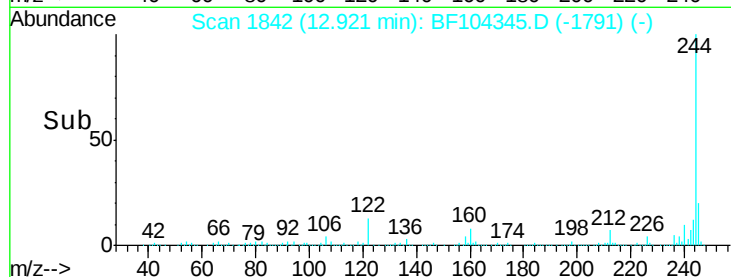
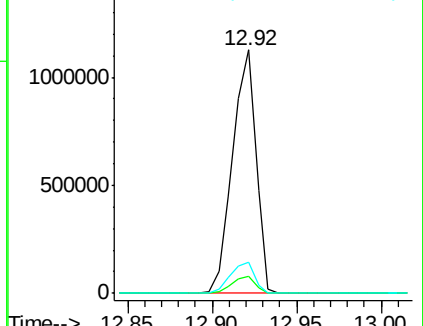
122 12.5 11.0 16.4



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# 2268

Delta R.T. 0.00 min

Lab File: BF104345.D

Acq: 7 Apr 2018 8:58

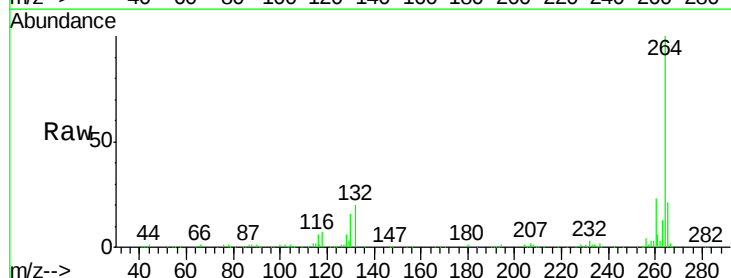
Tgt Ion:264 Resp: 247145

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.4 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

