

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110136.D
 Acq On : 25 Oct 2018 1:53
 Operator : JU/SJ
 Sample : J5640-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102218-JETT-F-U-B

Quant Time: Oct 25 09:15:04 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 25 02:28:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	124061	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	424965	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	159118	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	268330	20.00	ng	0.00
76) Chrysene-d12	14.15	240	237772	20.00	ng	0.00
87) Perylene-d12	15.67	264	157942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	299356	39.29	ng	0.00
7) Phenol-d6	6.58	99	226581	23.25	ng	0.00
23) Nitrobenzene-d5	7.53	82	708429	98.88	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	123103	78.10	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1175539	116.01	ng	0.00
79) Terphenyl-d14	13.09	244	995238	87.05	ng	0.00

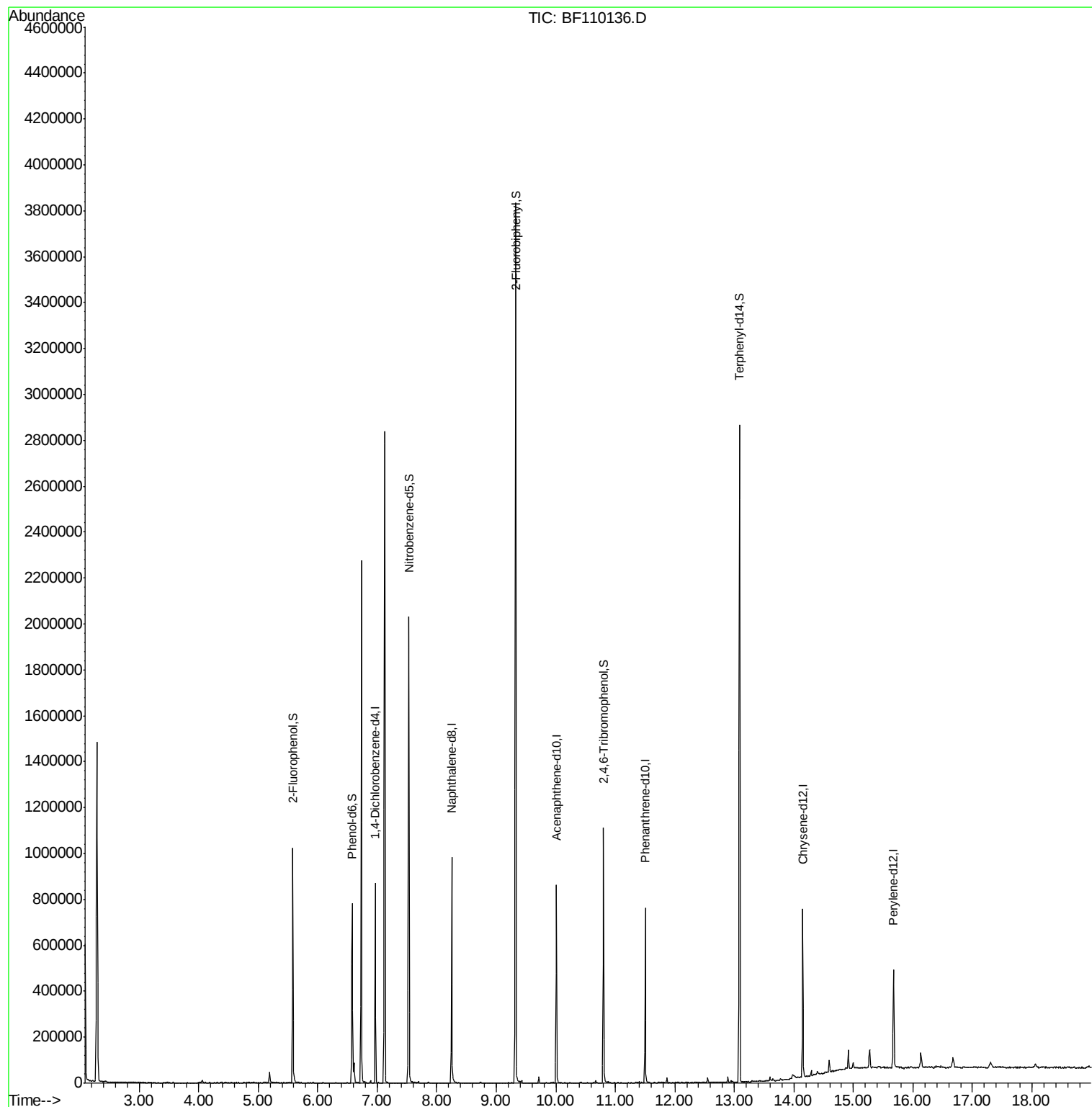
Target Compounds Qvalue

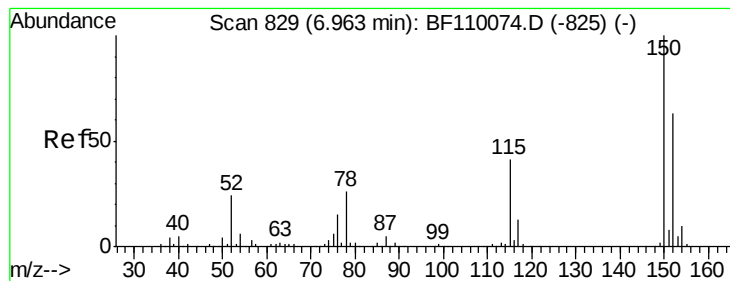
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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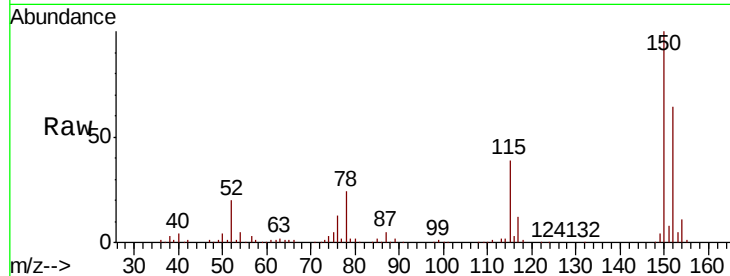


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF110136.D
Acq: 25 Oct 2018 1:53

Instrument :
BNA_F
ClientSampleId :
102218-JETT-F-U-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.7	184.1
115	60.3	49.1	73.7

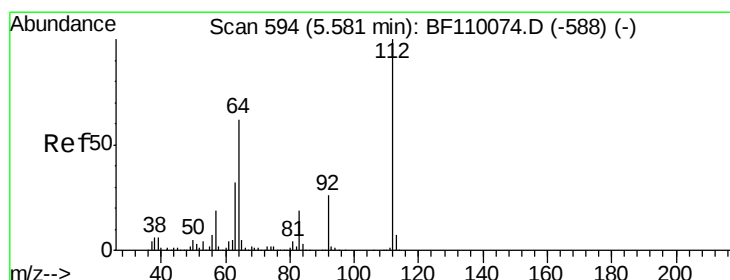
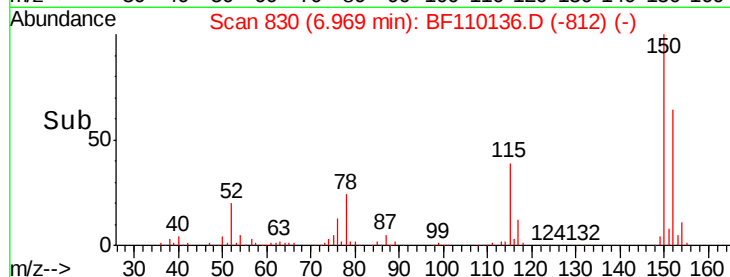
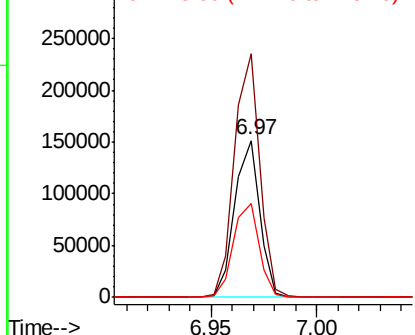


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

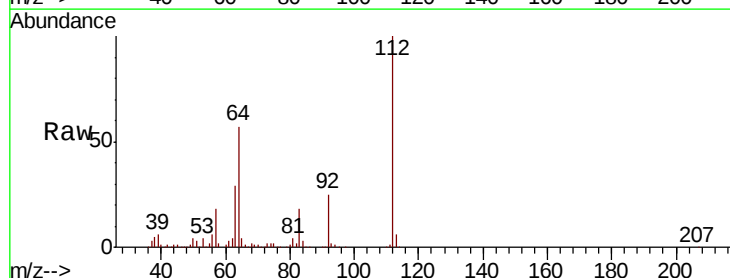
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 39.294 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110136.D
Acq: 25 Oct 2018 1:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	44.1	66.1
63	28.9	23.7	35.5

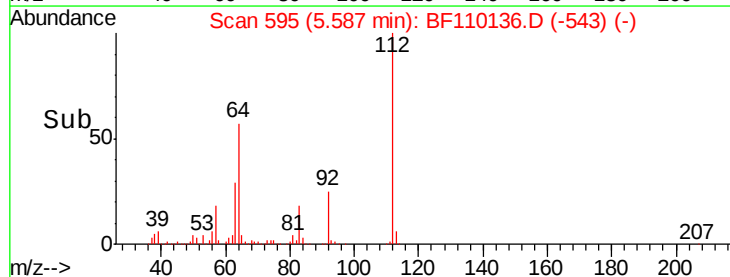
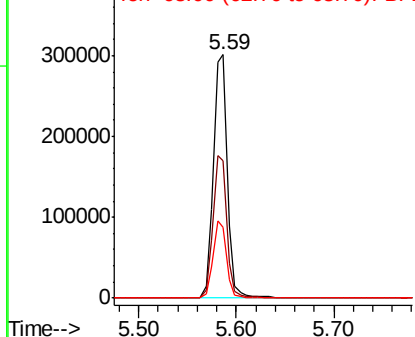


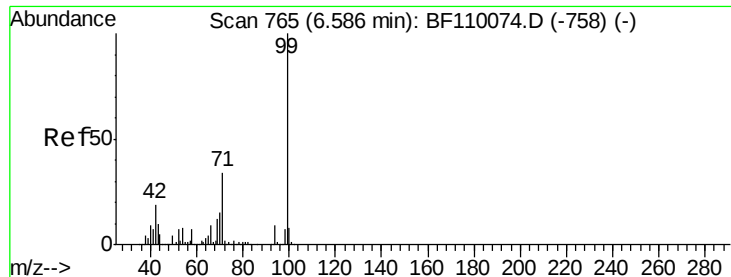
Abundance

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: 23.252 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110136.D

Acq: 25 Oct 2018 1:53

Instrument :

BNA_F

ClientSampleId :

102218-JETT-F-U-B

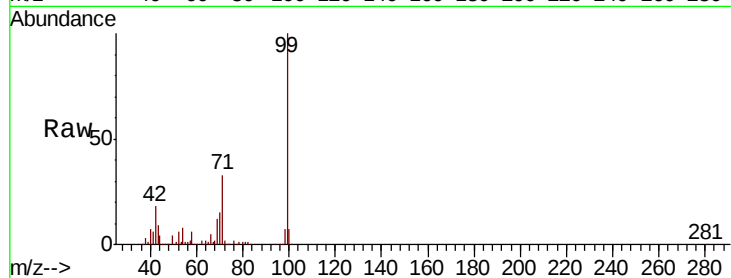
Tot Ion: 99 Resp: 226581

Ion Ratio Lower Upper

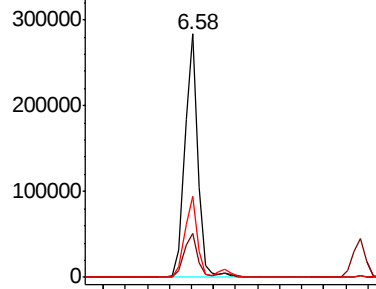
99 100

42 17.9 15.8 23.6

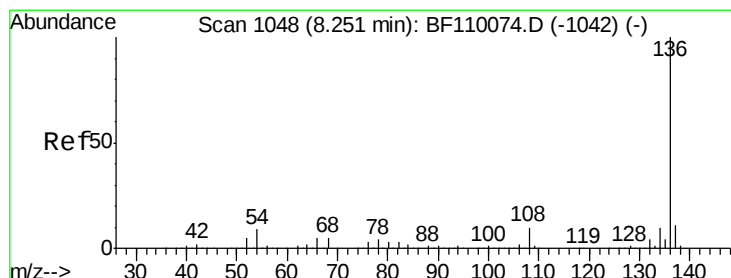
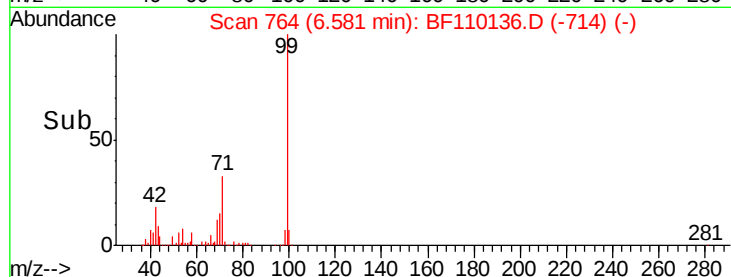
71 33.3 28.0 42.0



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110136.D

Acq: 25 Oct 2018 1:53

Tgt Ion: 136 Resp: 424965

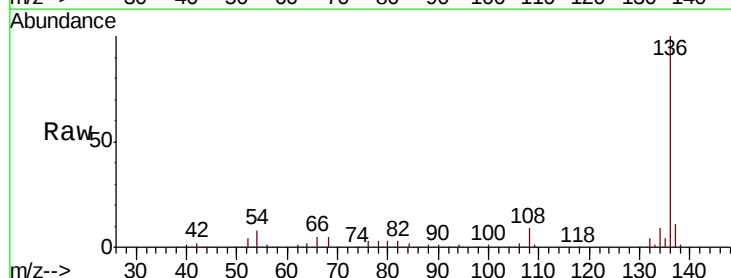
Ion Ratio Lower Upper

136 100

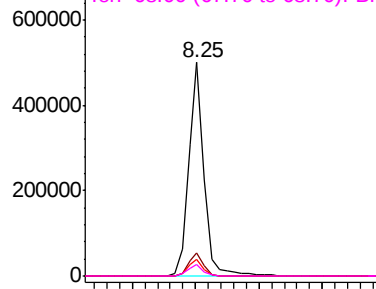
137 10.5 8.8 13.2

54 8.1 5.4 8.2

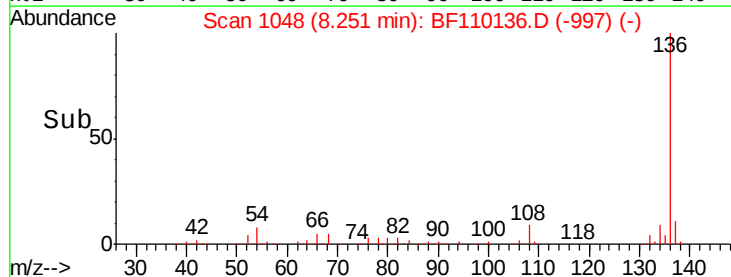
68 5.4 4.2 6.2

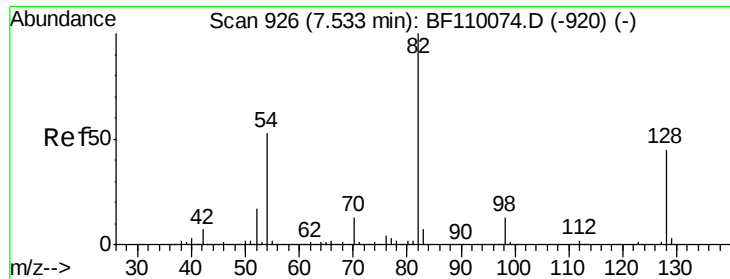


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

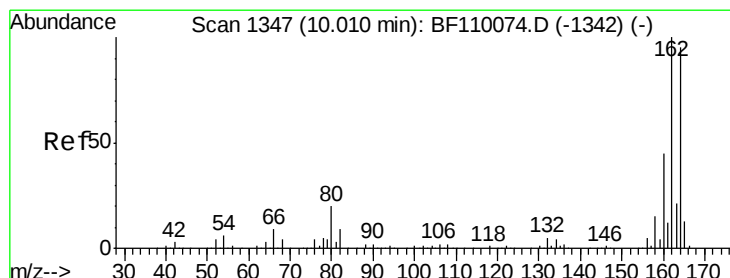
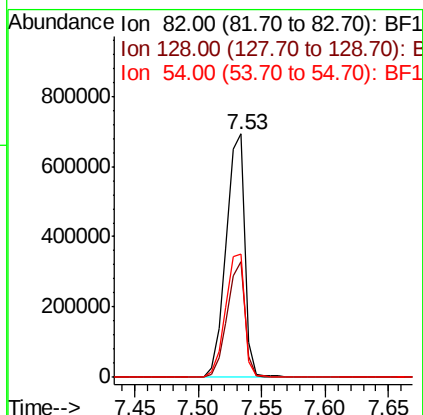
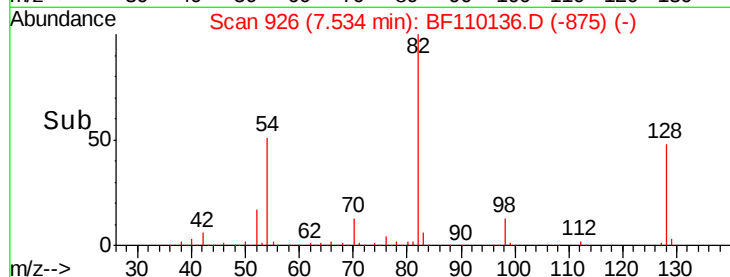
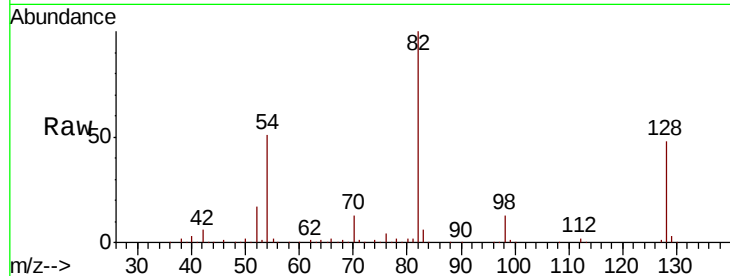




#23
 Nitrobenzene-d5
 Concen: 98.877 ng
 RT: 7.53 min Scan# 926
 Delta R.T. 0.00 min
 Lab File: BF110136.D
 Acq: 25 Oct 2018 1:53

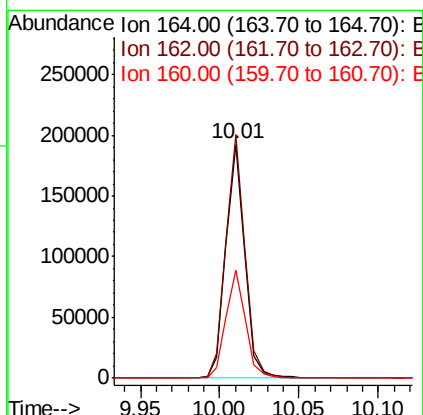
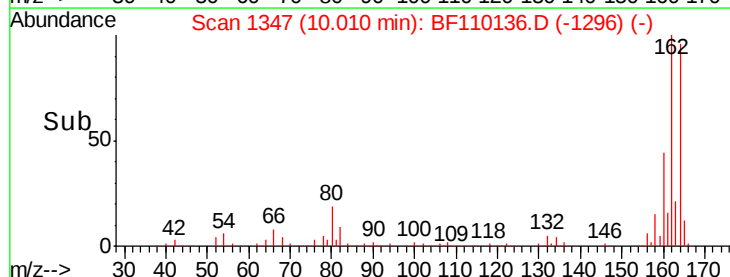
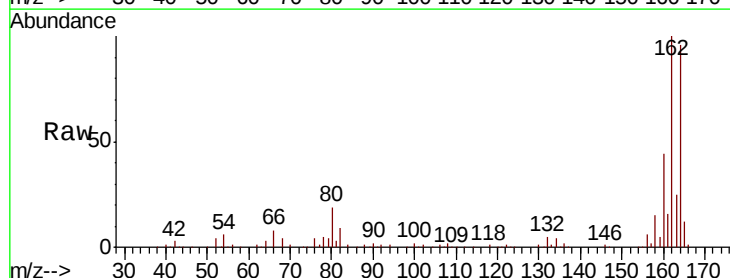
Instrument :
 BNA_F
 ClientSampleId :
 102218-JETT-F-U-B

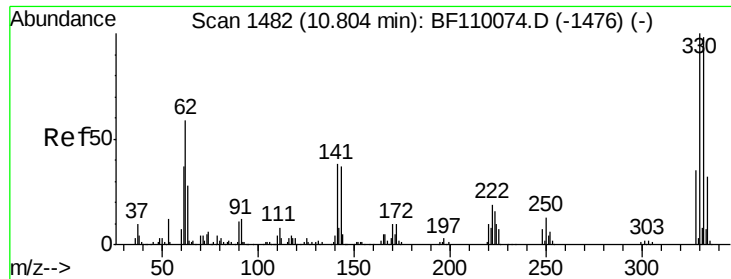
Tot Ion	82	Resp	708429
Ion Ratio	100	Lower	Upper
128	47.7	34.2	51.2
54	50.9	38.6	58.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF110136.D
 Acq: 25 Oct 2018 1:53

Tgt Ion	164	Resp	159118
Ion Ratio	100	Lower	Upper
162	104.3	83.0	124.6
160	46.3	37.0	55.6





#42

2,4,6-Tribromophenol

Concen: 78.103 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF110136.D

Acq: 25 Oct 2018 1:53

Instrument :

BNA_F

ClientSampleId :

102218-JETT-F-U-B

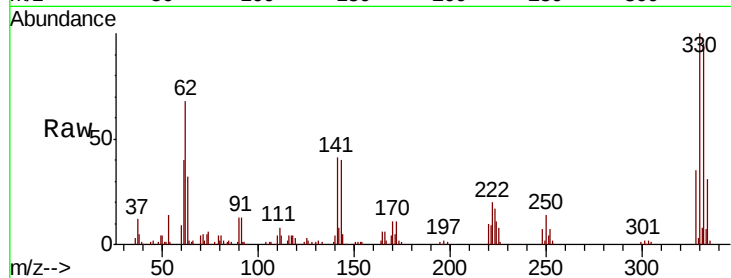
Tot Ion:330 Resp: 123103

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

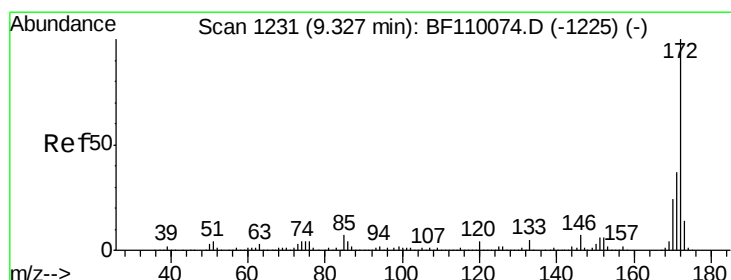
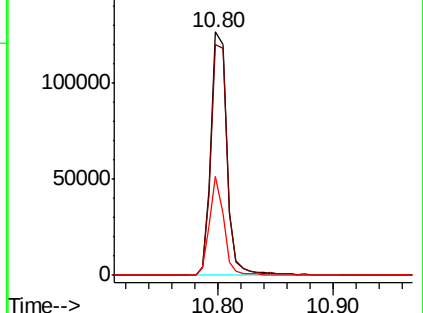
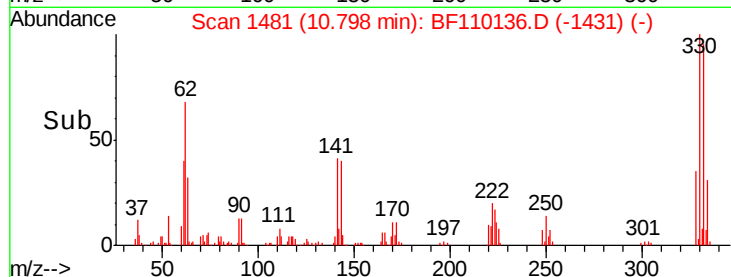
141 35.7 27.0 40.4



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



#45

2-Fluorobiphenyl

Concen: 116.008 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF110136.D

Acq: 25 Oct 2018 1:53

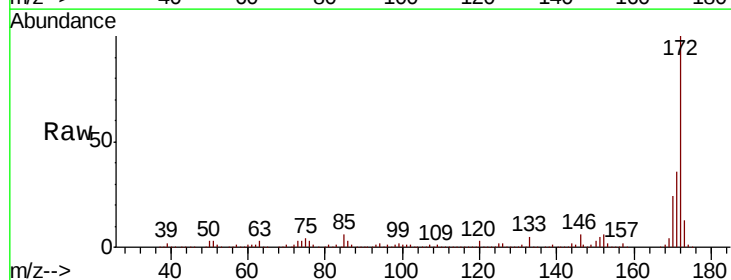
Tgt Ion:172 Resp: 1175539

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

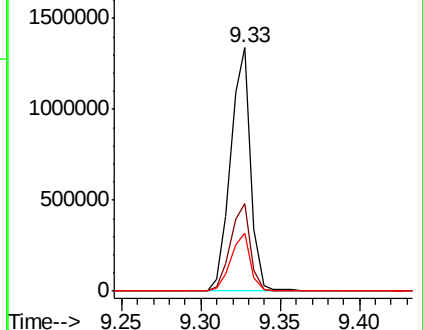
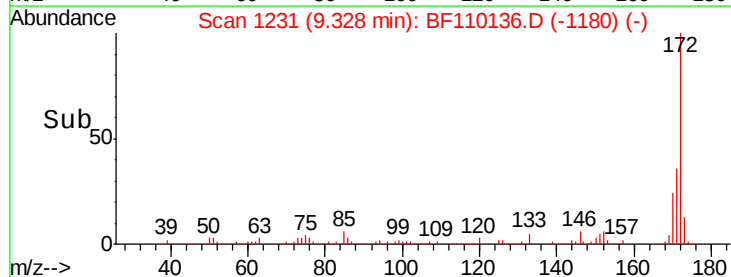
170 23.6 19.7 29.5

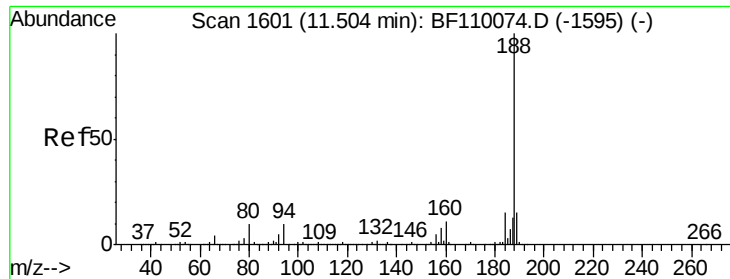


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF110136.D

Acq: 25 Oct 2018 1:53

Instrument :

BNA_F

ClientSampleId :

102218-JETT-F-U-B

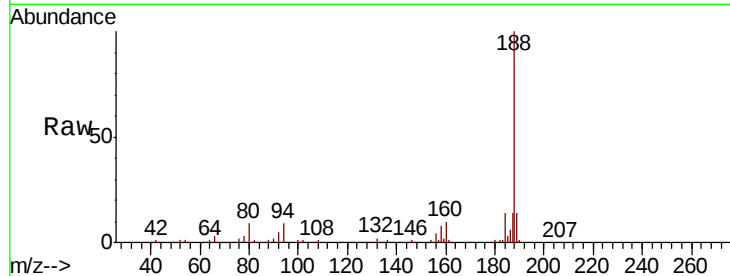
Tot Ion:188 Resp: 268330

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

80 9.0 7.9 11.9



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

400000

300000

200000

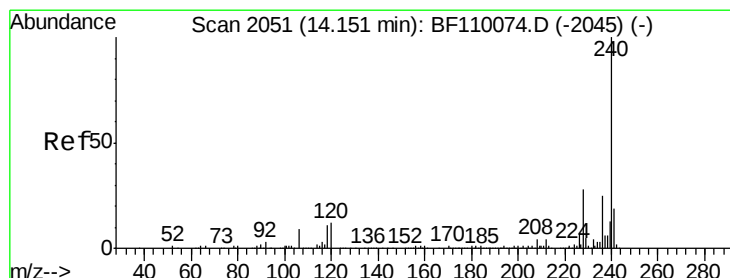
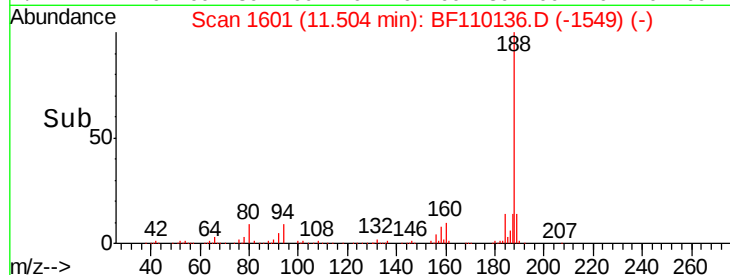
100000

0

11.50

11.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BF110136.D

Acq: 25 Oct 2018 1:53

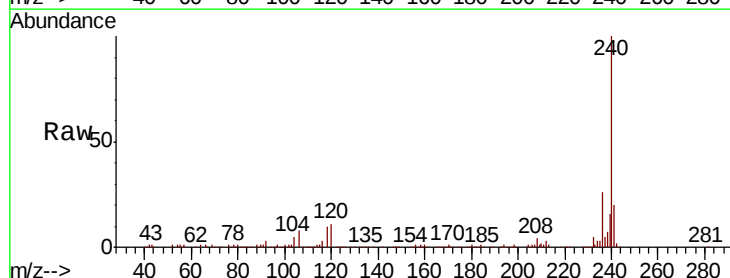
Tgt Ion:240 Resp: 237772

Ion Ratio Lower Upper

240 100

120 11.2 8.3 12.5

236 26.4 21.2 31.8



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

300000

200000

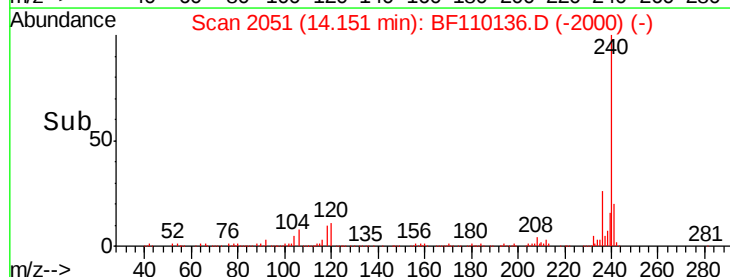
100000

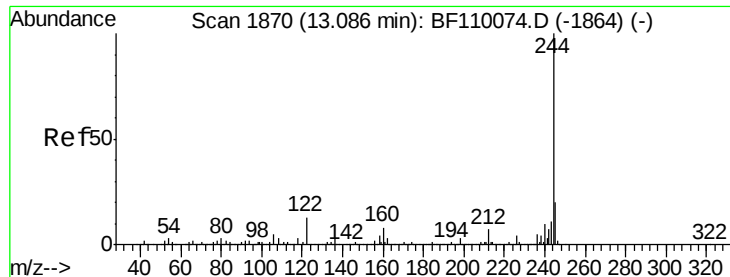
0

14.15

14.20

Time-->





#79

Terphenyl-d14

Concen: 87.050 ng

RT: 13.09 min Scan# 1870

Delta R.T. 0.00 min

Lab File: BF110136.D

Acq: 25 Oct 2018 1:53

Instrument :

BNA_F

ClientSampleId :

102218-JETT-F-U-B

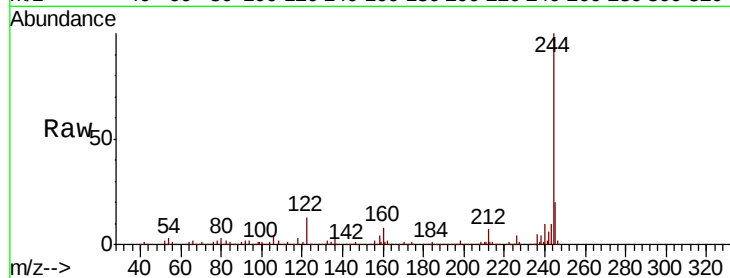
Tot Ion:244 Resp: 995238

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

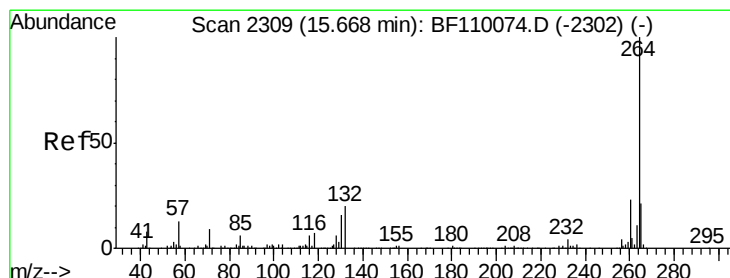
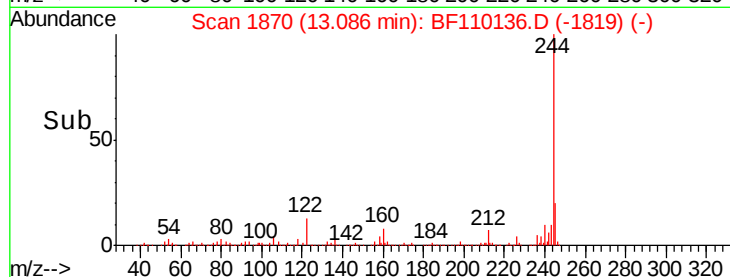
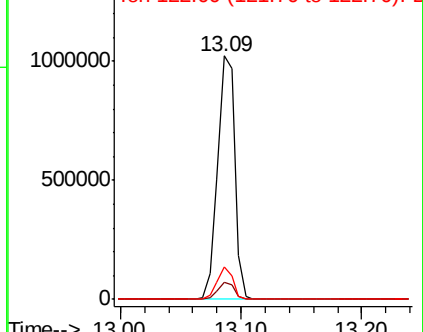
122 13.3 8.7 13.1#



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. 0.01 min

Lab File: BF110136.D

Acq: 25 Oct 2018 1:53

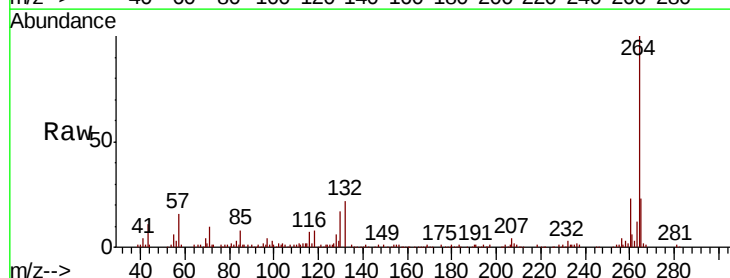
Tgt Ion:264 Resp: 157942

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 23.4 16.7 25.1



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

