

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109467.D
 Acq On : 29 Sep 2018 8:36
 Operator : JU/SJ
 Sample : J5133-20
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-U-S

Quant Time: Oct 01 03:59:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	118247	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	432734	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	208712	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	383843	20.00	ng	0.00
75) Chrysene-d12	13.84	240	224339	20.00	ng	0.00
86) Perylene-d12	15.24	264	224141	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	310178	43.21	ng	0.00
7) Phenol-d6	6.34	99	265238	28.95	ng	-0.02
23) Nitrobenzene-d5	7.27	82	772382	105.36	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	199487	96.96	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1308238	94.54	ng	0.00
78) Terphenyl-d14	12.80	244	1184531	129.58	ng	0.00

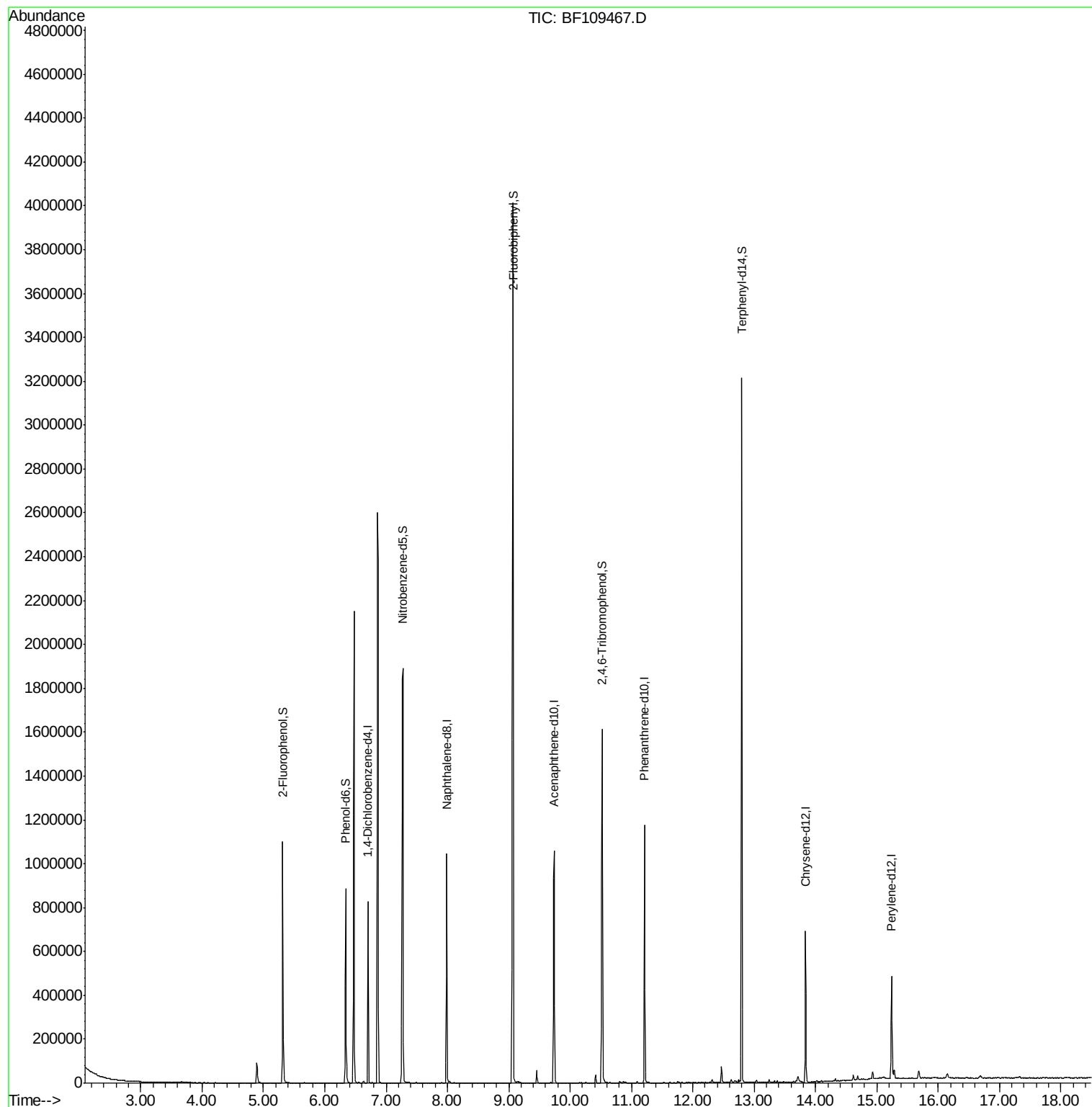
Target Compounds Qvalue

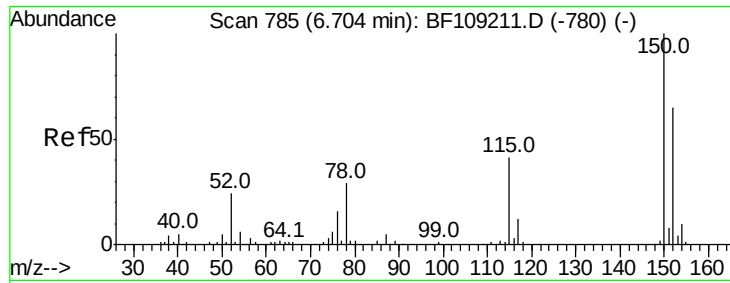
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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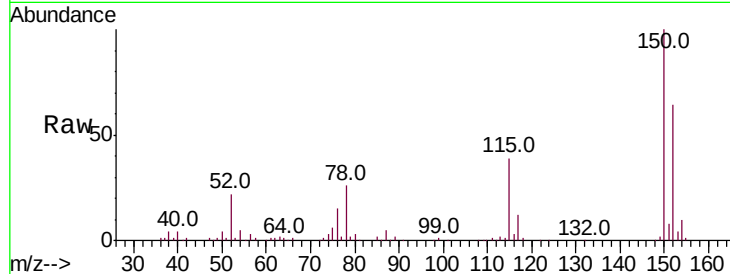


#1

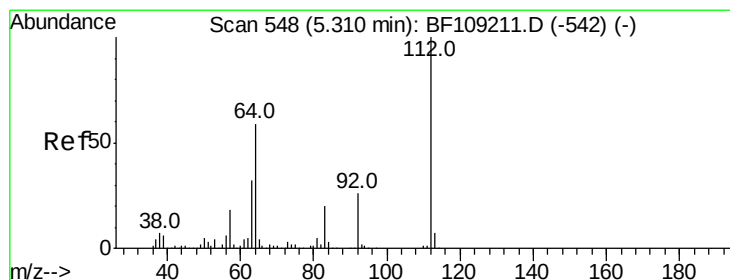
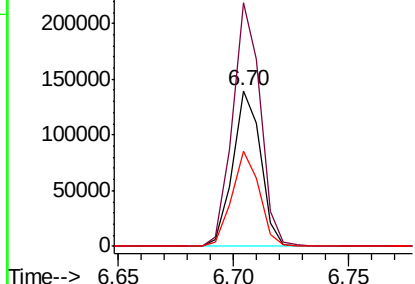
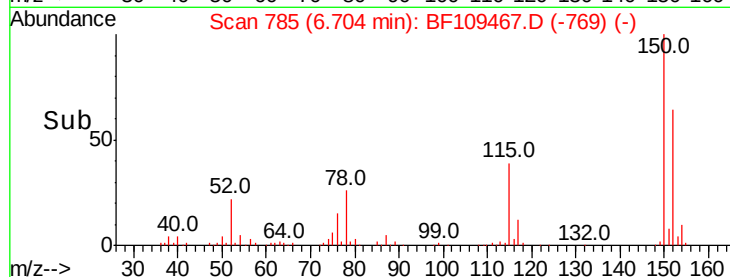
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109467.D
Acq: 29 Sep 2018 8:36

Instrument :
BNA_F
ClientSampleId :
092618-JETT-F-U-S

Tot Ion:152 Resp: 118247
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 61.4 50.1 75.1



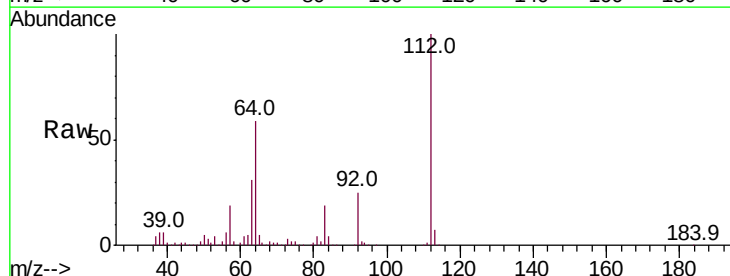
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



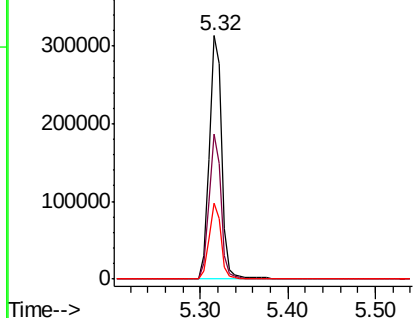
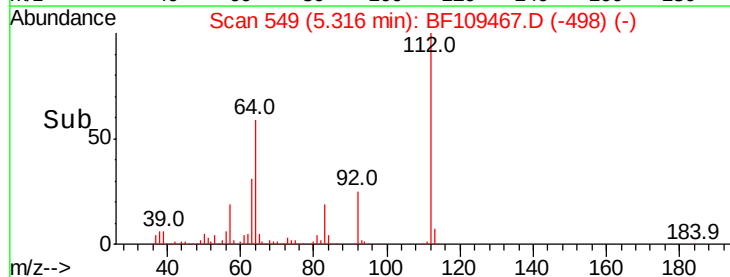
#5

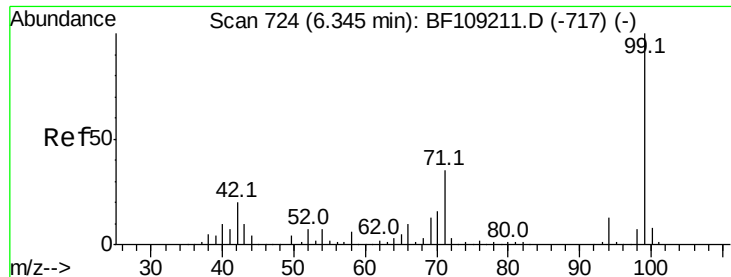
2-Fluorophenol
Concen: 43.205 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109467.D
Acq: 29 Sep 2018 8:36

Tgt Ion:112 Resp: 310178
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 31.4 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: 28.953 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109467.D

Acq: 29 Sep 2018 8:36

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-U-S

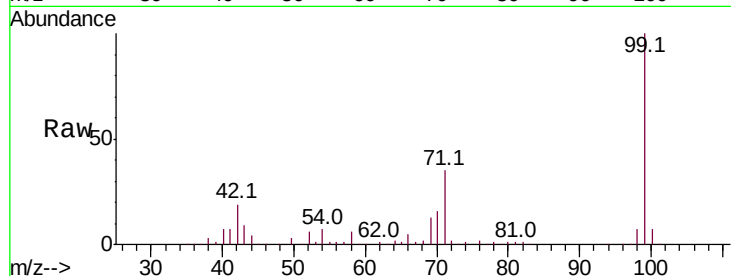
Tot Ion: 99 Resp: 265238

Ion Ratio Lower Upper

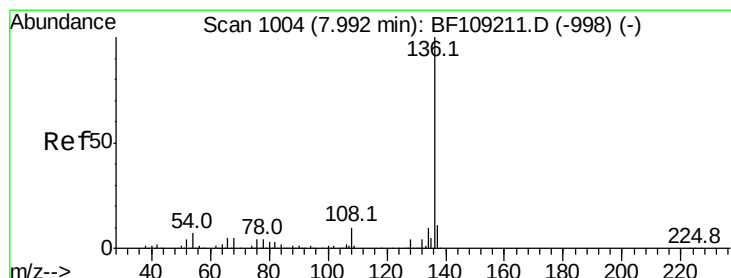
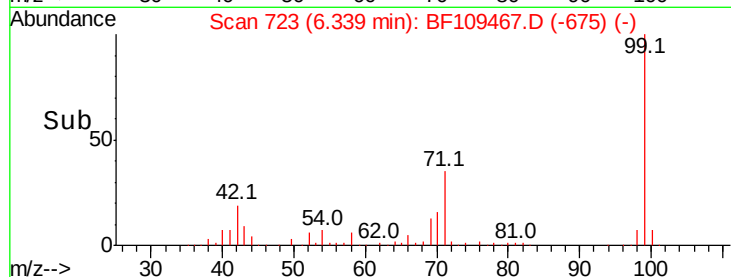
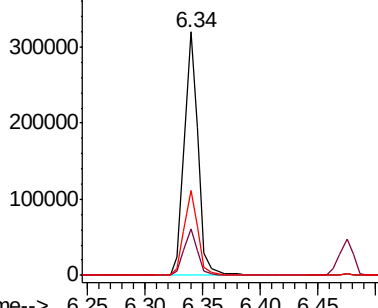
99 100

42 18.8 14.5 21.7

71 34.9 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109467.D

Acq: 29 Sep 2018 8:36

Tgt Ion: 136 Resp: 432734

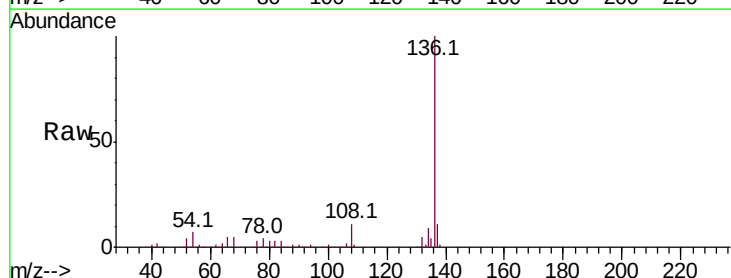
Ion Ratio Lower Upper

136 100

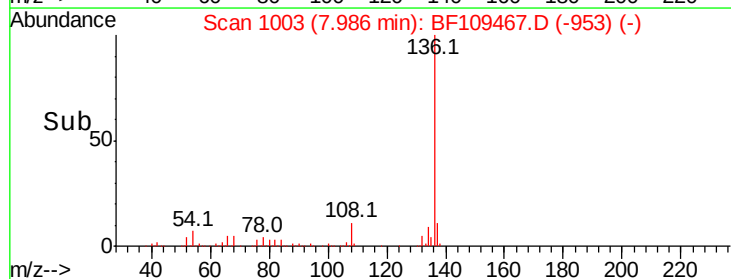
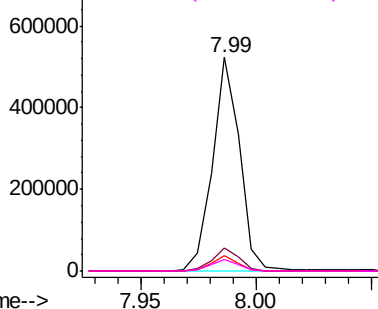
137 10.7 8.9 13.3

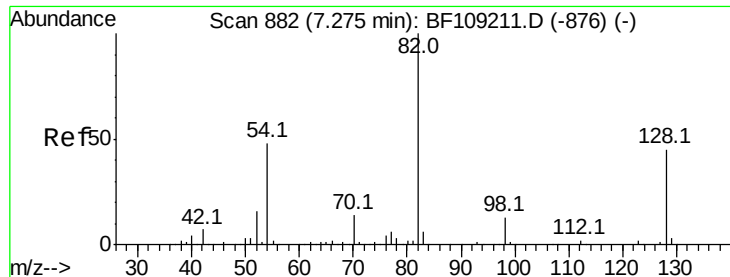
54 7.1 6.6 9.8

68 5.4 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

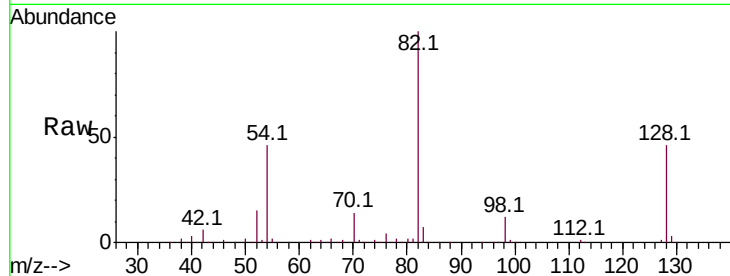




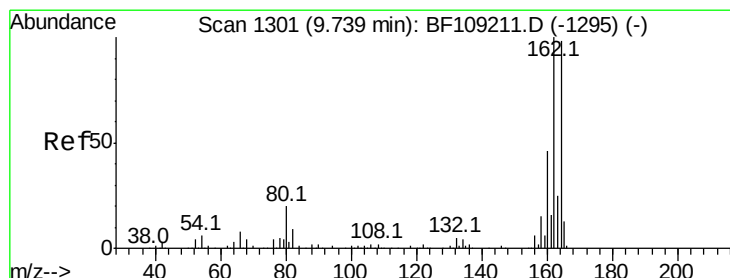
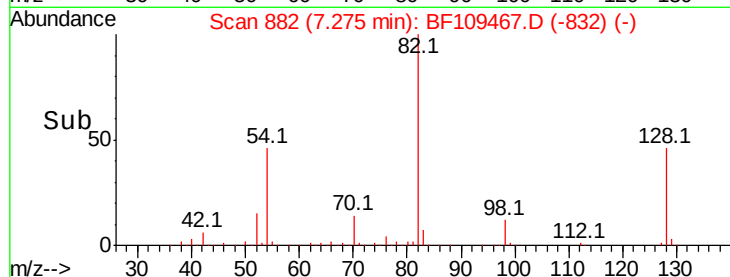
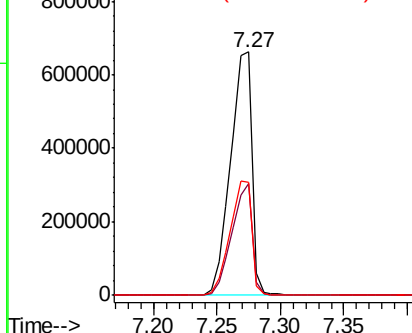
#23
 Nitrobenzene-d5
 Concen: 105.365 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF109467.D
 Acq: 29 Sep 2018 8:36

Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-U-S

Tot Ion: 82 Resp: 772382
 Ion Ratio Lower Upper
 82 100
 128 45.8 36.1 54.1
 54 46.3 41.4 62.2

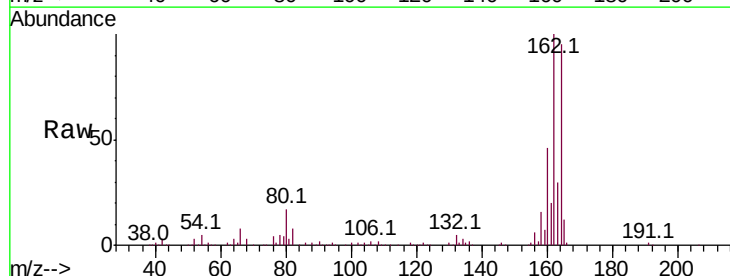


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

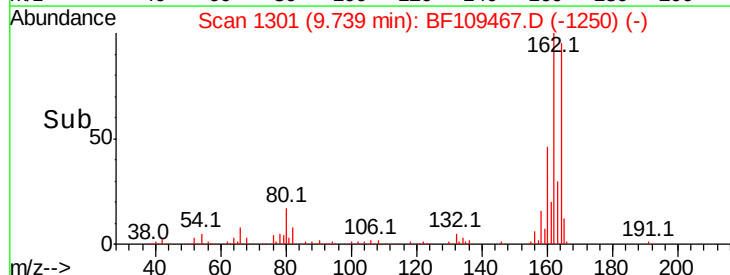
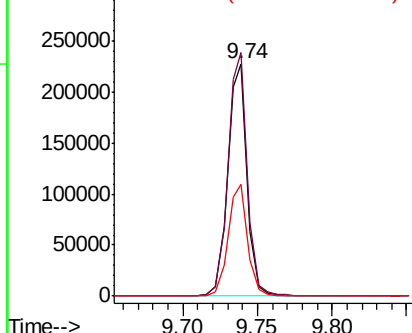


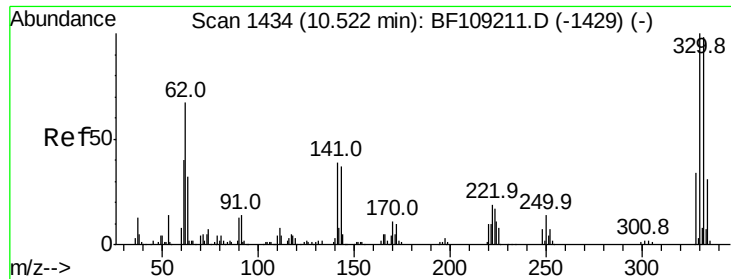
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109467.D
 Acq: 29 Sep 2018 8:36

Tgt Ion: 164 Resp: 208712
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 47.9 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

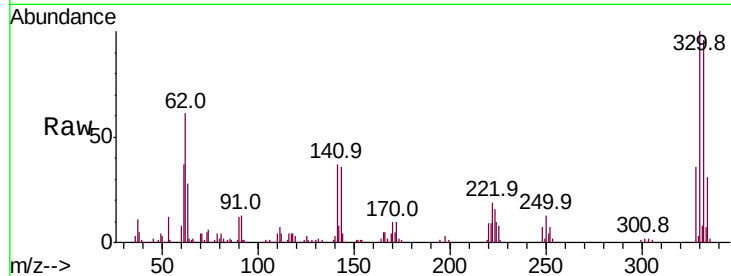




#41
 2,4,6-Tribromophenol
 Concen: 96.958 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109467.D
 Acq: 29 Sep 2018 8:36

Instrument :
 BNA_F
 ClientSampleId :
 092618-JETT-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	33.2	29.9	44.9

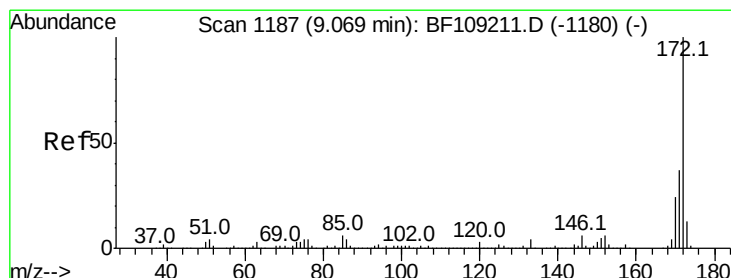
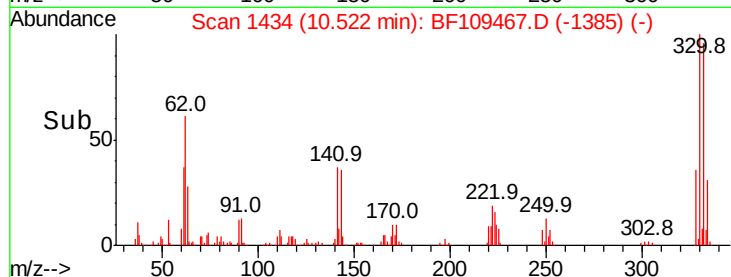
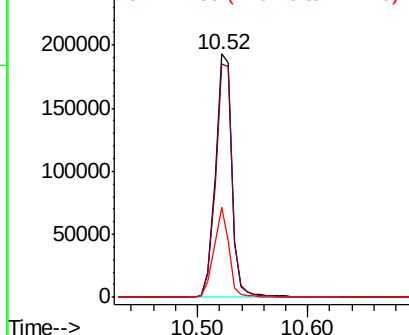


Abundance

Ion 329.80 (329.50 to 330.50): E

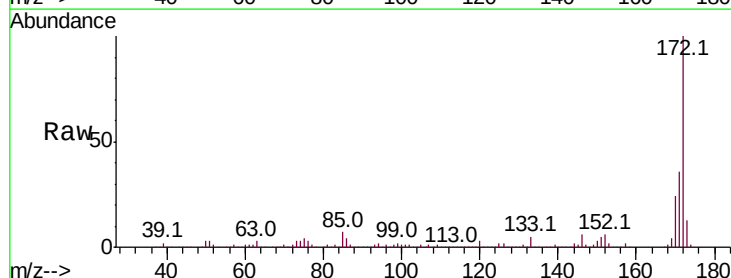
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.536 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109467.D
 Acq: 29 Sep 2018 8:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.5	19.6	29.4

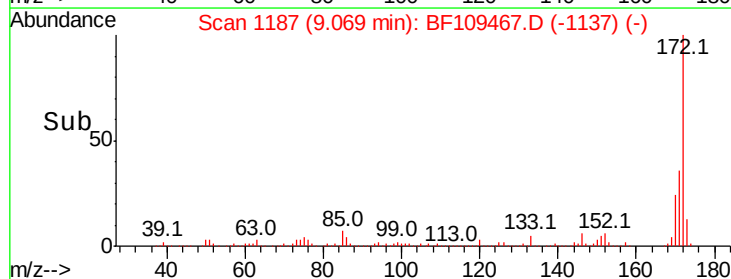
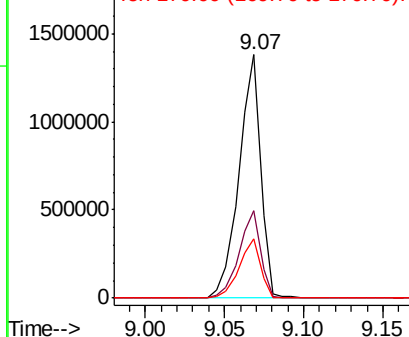


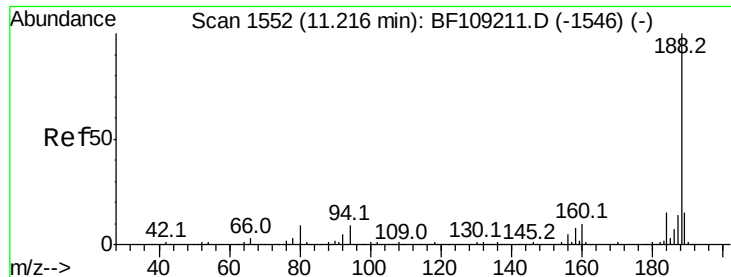
Abundance

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

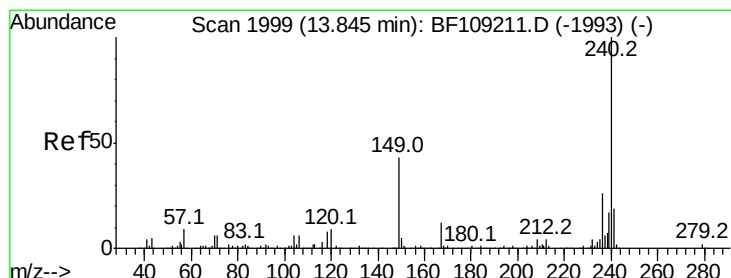
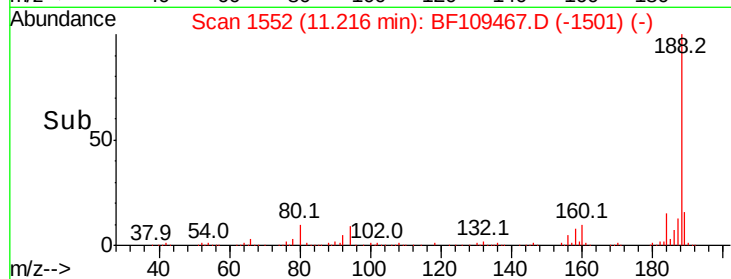
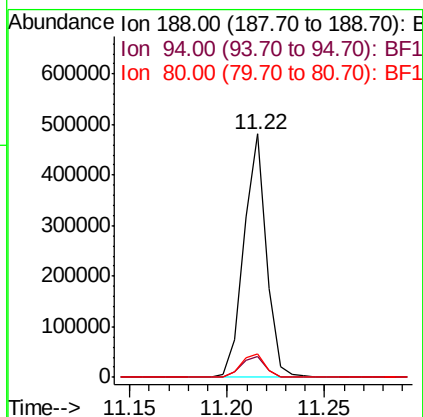
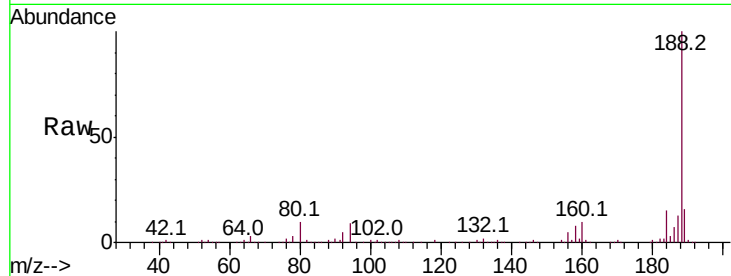




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF109467.D
 Acq: 29 Sep 2018 8:36

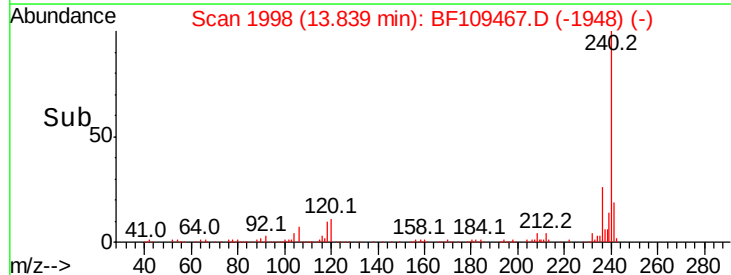
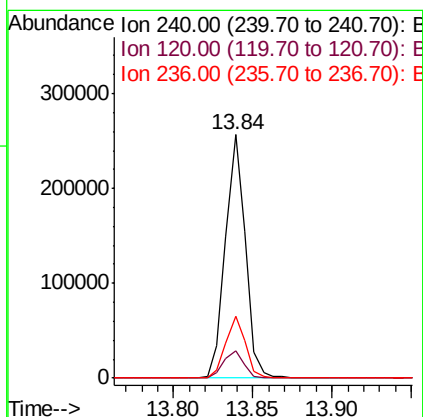
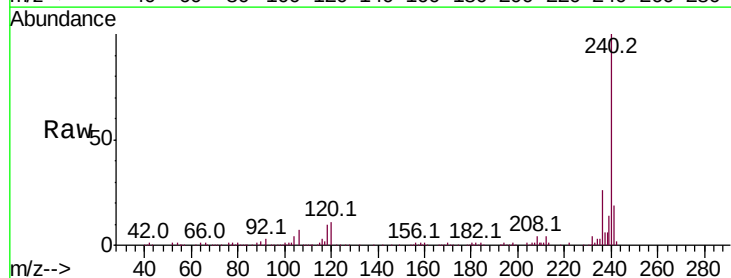
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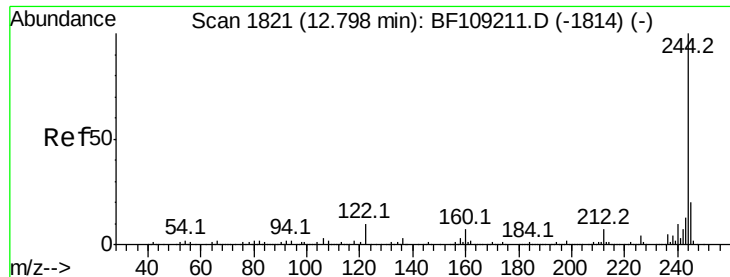
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.7	9.2	13.8



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF109467.D
 Acq: 29 Sep 2018 8:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.6	20.7	31.1





#78

Terphenyl-d14

Concen: 129.582 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109467.D

Acq: 29 Sep 2018 8:36

Instrument :

BNA_F

ClientSampleId :

092618-JETT-F-U-S

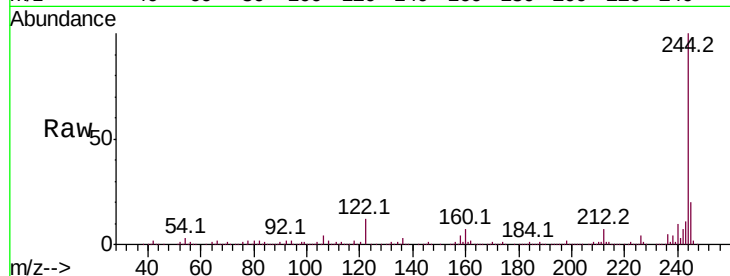
Tot Ion:244 Resp: 1184531

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

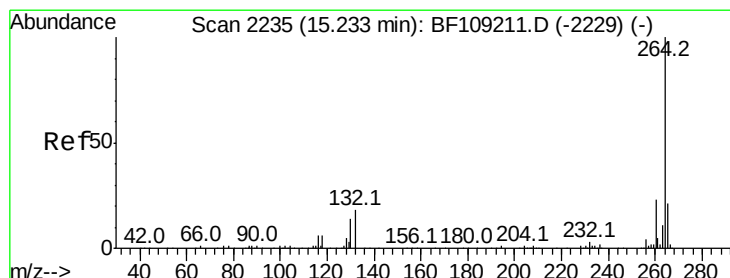
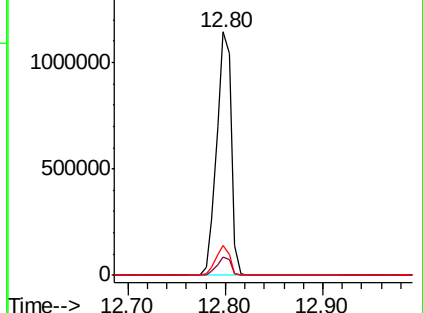
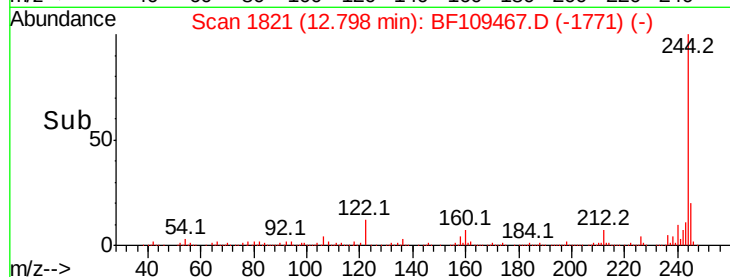
122 12.3 11.0 16.4



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: 15.24 min Scan# 2237

Delta R.T. 0.01 min

Lab File: BF109467.D

Acq: 29 Sep 2018 8:36

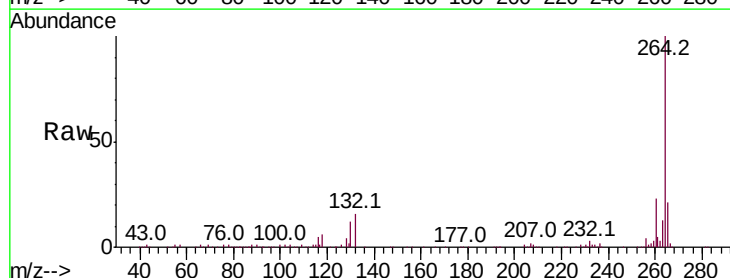
Tgt Ion:264 Resp: 224141

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.5 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

