

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112818\
 Data File : BF111076.D
 Acq On : 29 Nov 2018 6:16
 Operator : JU/SJ
 Sample : J6078-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112618-TIPC-F-U-S

Quant Time: Nov 29 07:32:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 27 15:32:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	51185	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	211432	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	92835	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	157247	20.00	ng	0.00
76) Chrysene-d12	14.13	240	125882	20.00	ng	0.00
87) Perylene-d12	15.66	264	100368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	124114	40.21	ng	0.01
7) Phenol-d6	6.57	99	94720	23.55	ng	0.00
23) Nitrobenzene-d5	7.50	82	374014	101.24	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	79150	85.85	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	697542	108.86	ng	0.00
79) Terphenyl-d14	13.05	244	555194	85.86	ng	0.00

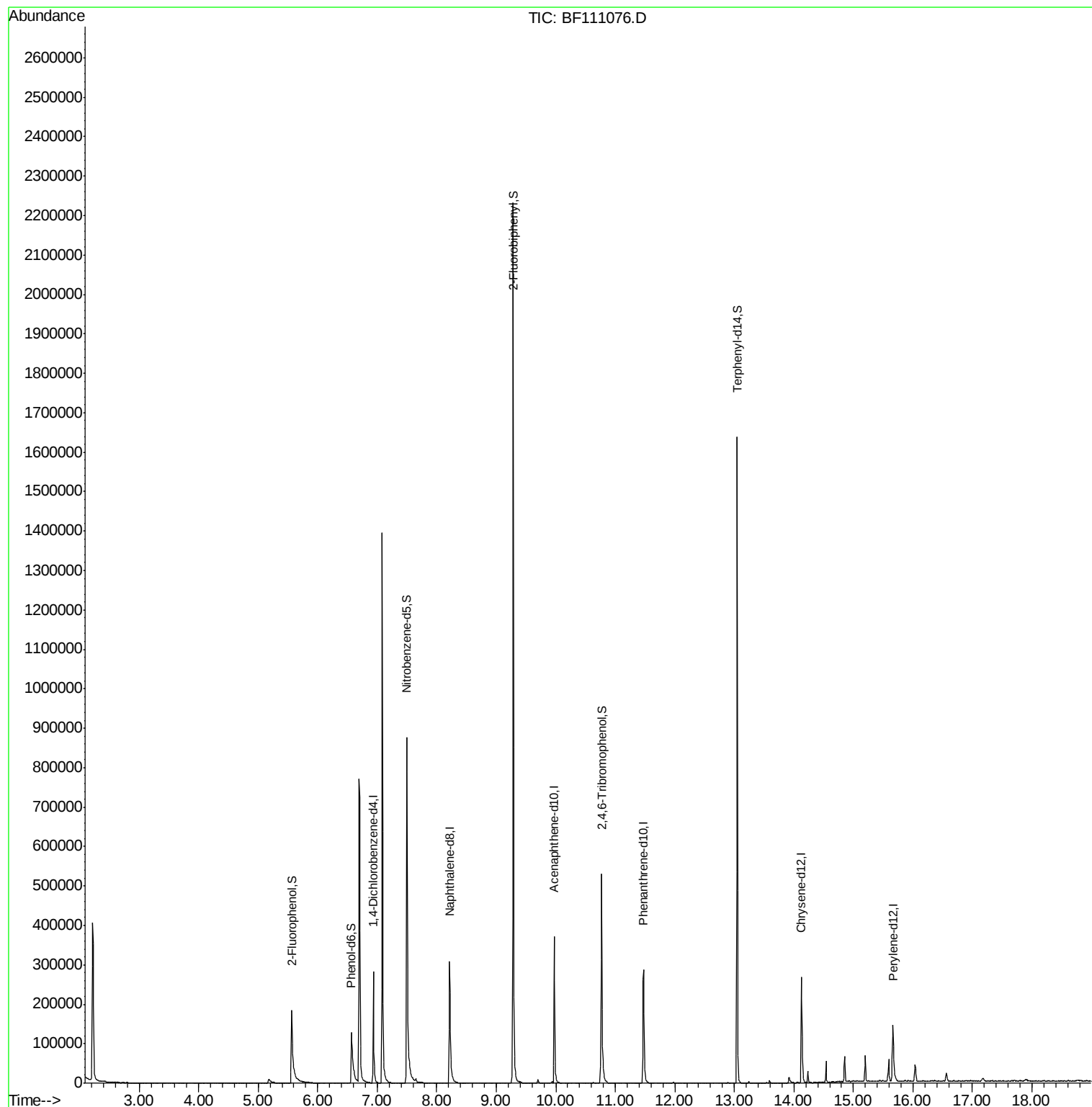
Target Compounds Qvalue

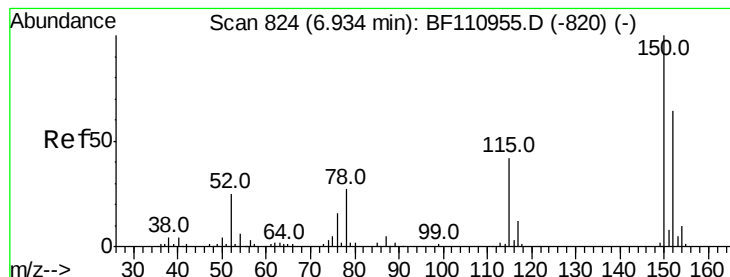
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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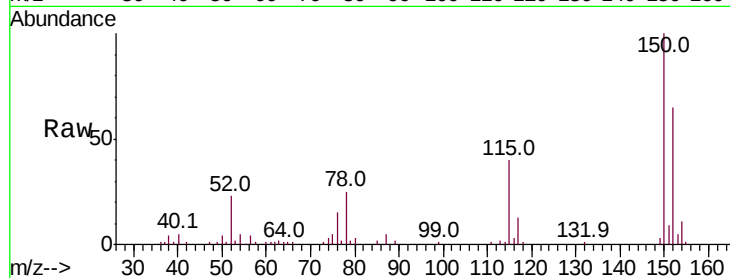


#1

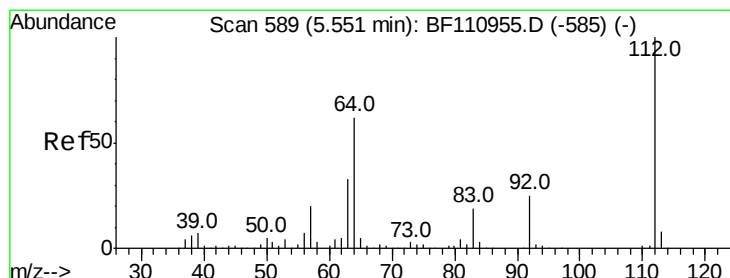
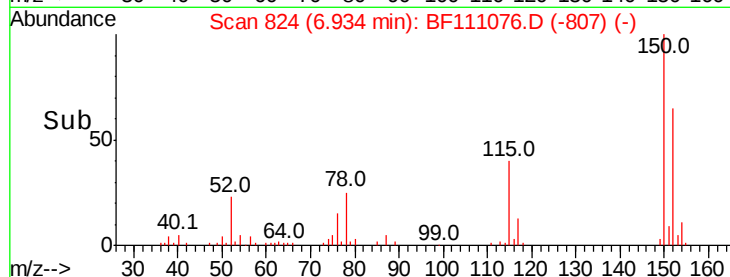
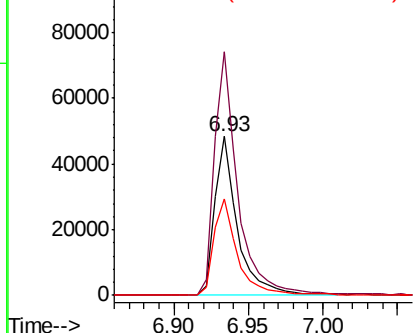
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF111076.D
Acq: 29 Nov 2018 6:16

Instrument :
BNA_F
ClientSampleId :
112618-TIPC-F-U-S

Tot Ion:152 Resp: 51185
Ion Ratio Lower Upper
152 100
150 153.6 122.7 184.1
115 61.0 49.1 73.7



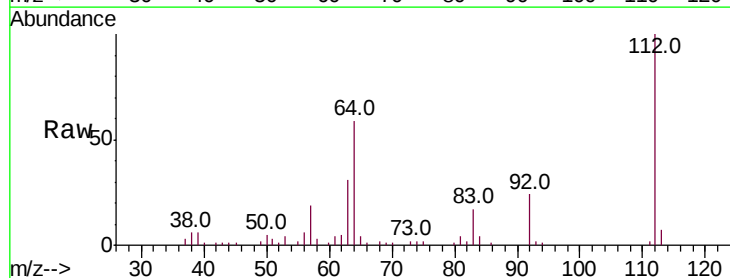
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



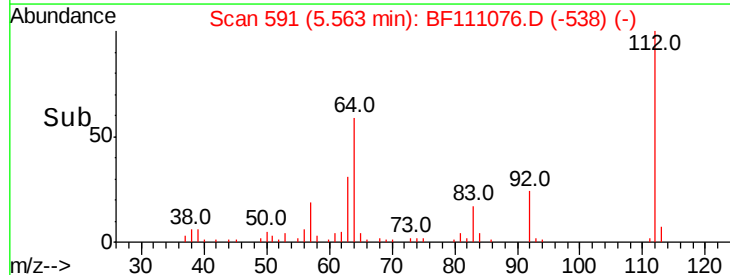
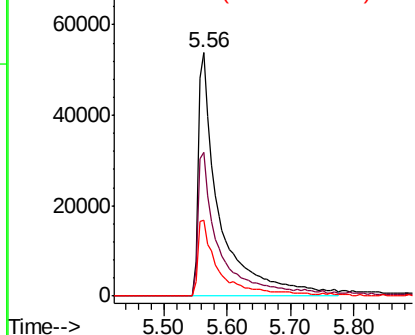
#5

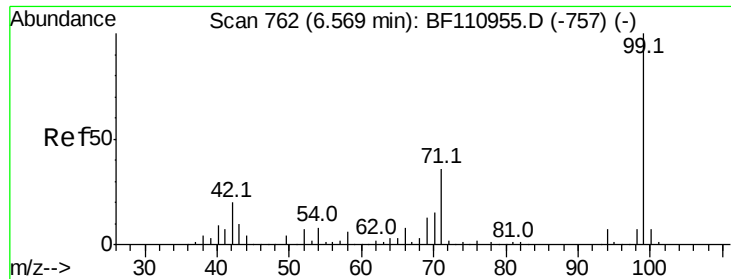
2-Fluorophenol
Concen: 40.211 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.01 min
Lab File: BF111076.D
Acq: 29 Nov 2018 6:16

Tgt Ion:112 Resp: 124114
Ion Ratio Lower Upper
112 100
64 59.1 44.1 66.1
63 30.9 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: 23.549 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF111076.D

Acq: 29 Nov 2018 6:16

Instrument :

BNA_F

ClientSampleId :

112618-TIPC-F-U-S

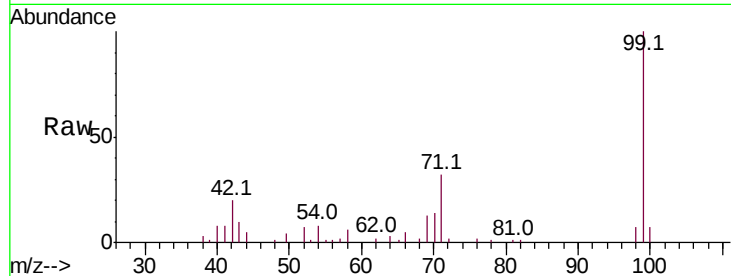
Tot Ion: 99 Resp: 94720

Ion Ratio Lower Upper

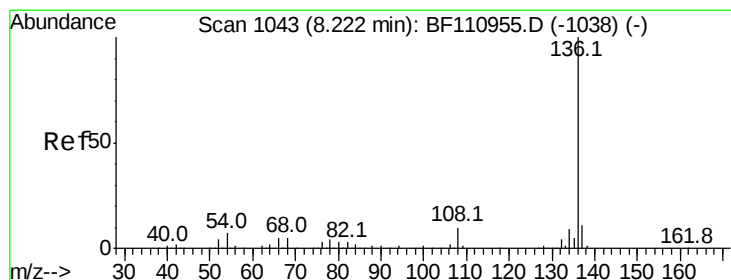
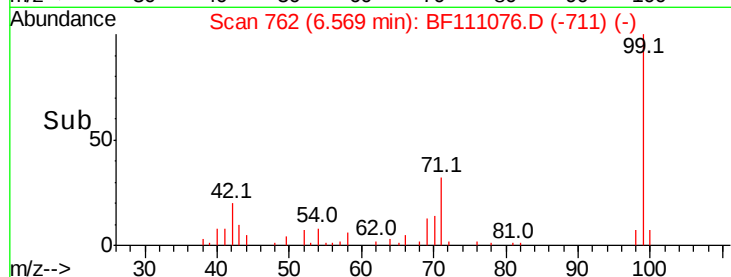
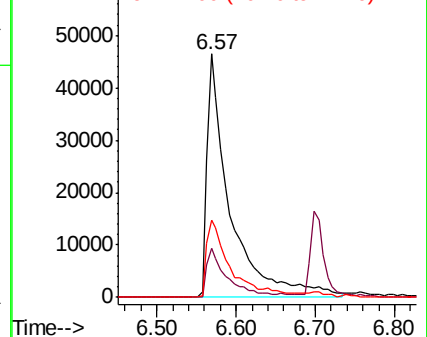
99 100

42 20.2 15.8 23.6

71 32.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF111076.D

Acq: 29 Nov 2018 6:16

Tgt Ion: 136 Resp: 211432

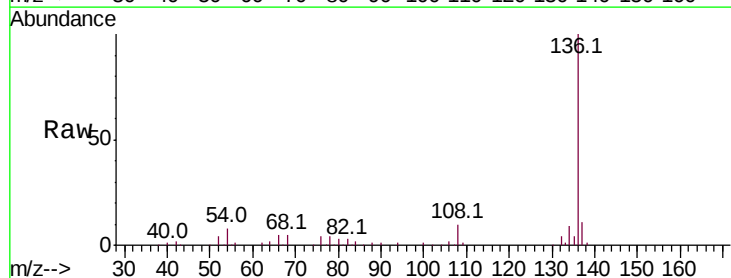
Ion Ratio Lower Upper

136 100

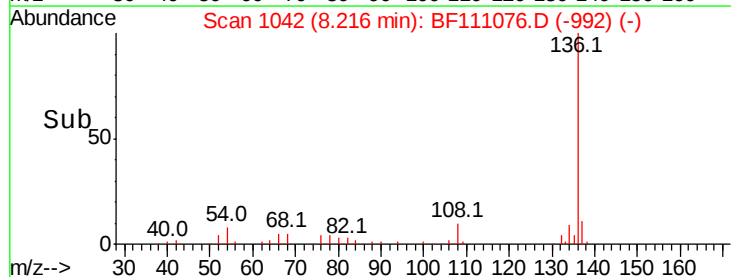
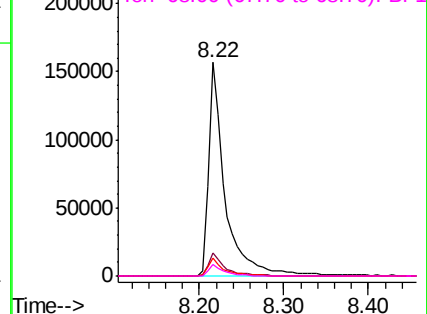
137 10.7 8.8 13.2

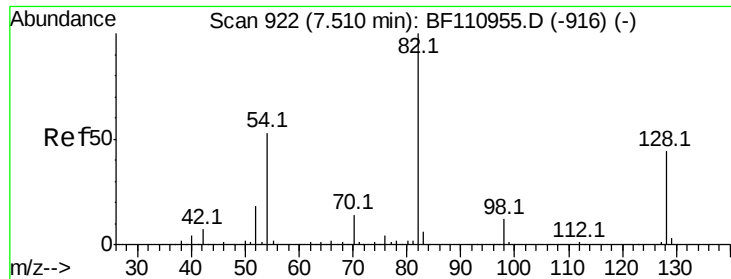
54 8.3 5.4 8.2#

68 5.3 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

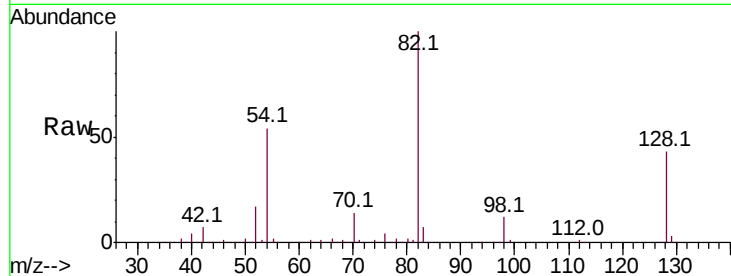




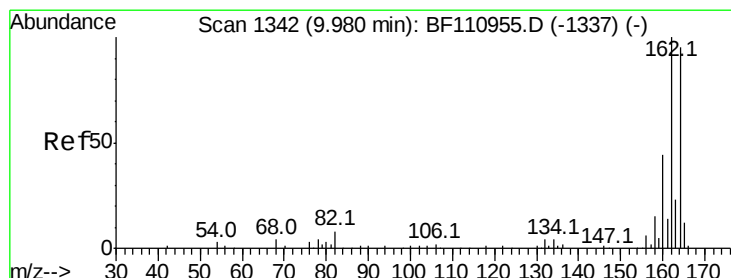
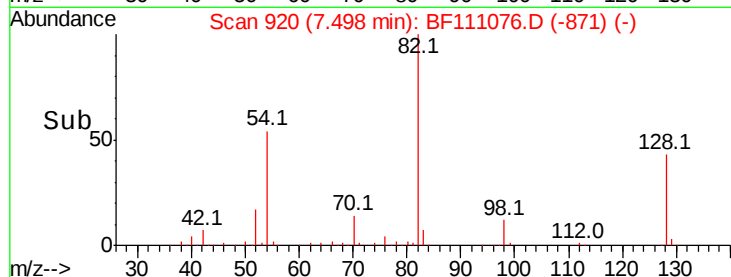
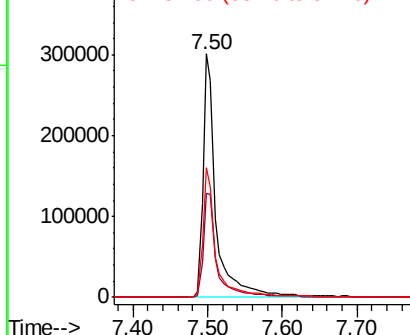
#23
 Nitrobenzene-d5
 Concen: 101.239 ng
 RT: 7.50 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF111076.D
 Acq: 29 Nov 2018 6:16

Instrument :
 BNA_F
 ClientSampleId :
 112618-TIPC-F-U-S

Tot Ion: 82 Resp: 374014
 Ion Ratio Lower Upper
 82 100
 128 42.7 34.2 51.2
 54 53.5 38.6 58.0

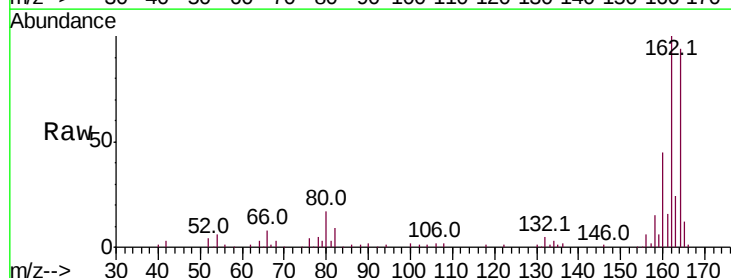


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

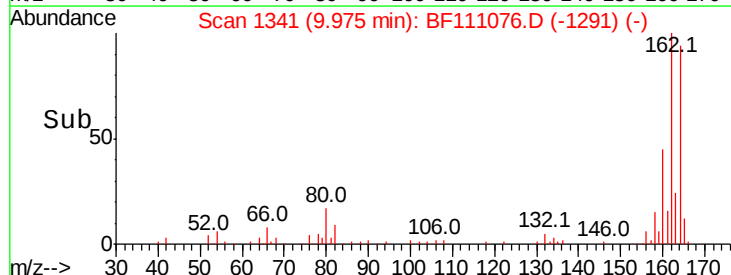
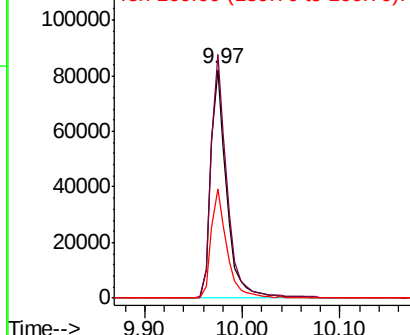


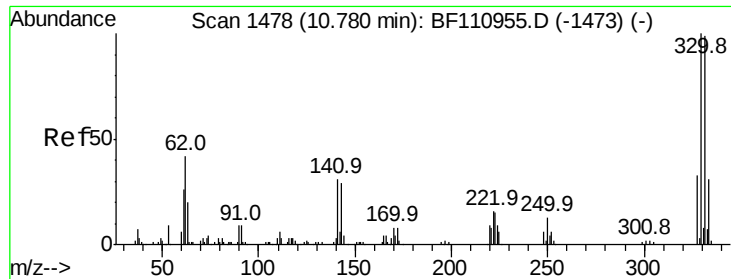
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF111076.D
 Acq: 29 Nov 2018 6:16

Tgt Ion:164 Resp: 92835
 Ion Ratio Lower Upper
 164 100
 162 106.5 83.0 124.6
 160 47.7 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

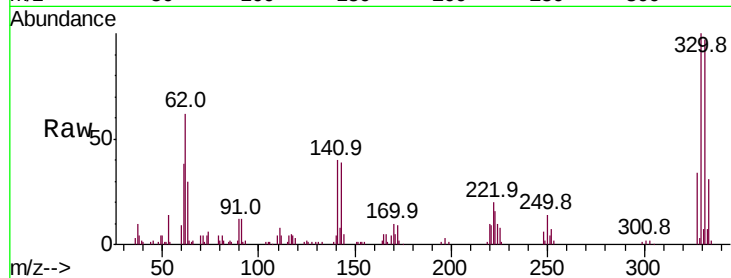




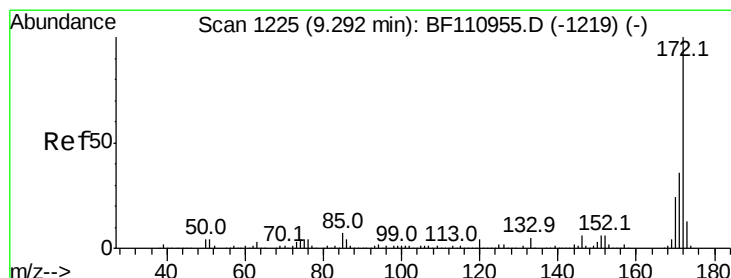
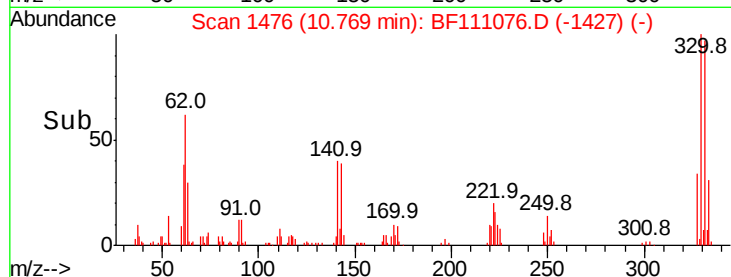
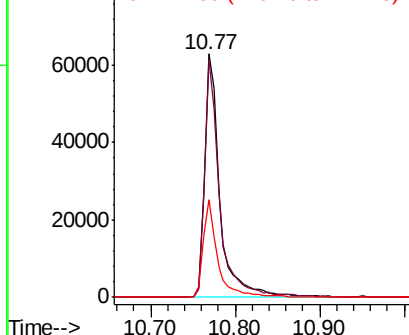
#42
 2,4,6-Tribromophenol
 Concen: 85.848 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BF111076.D
 Acq: 29 Nov 2018 6:16

Instrument :
 BNA_F
 ClientSampleId :
 112618-TIPC-F-U-S

Tot Ion:330 Resp: 79150
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.1 115.7
 141 37.6 27.0 40.4

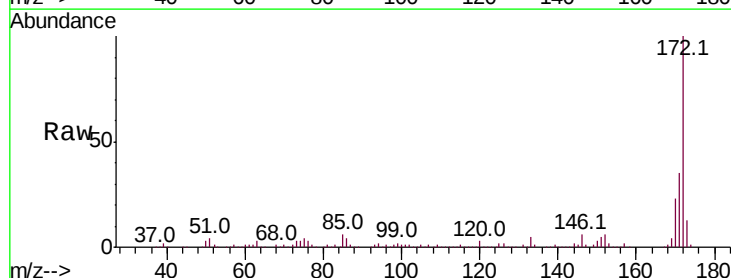


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

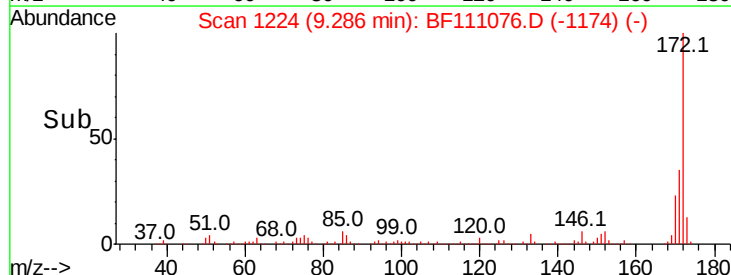
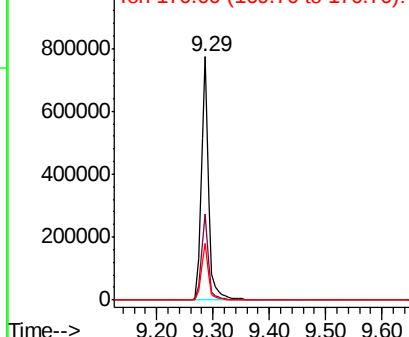


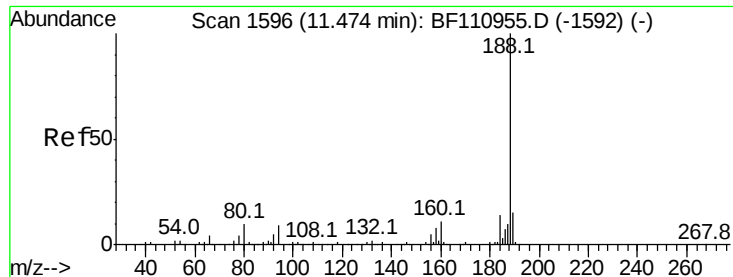
#45
 2-Fluorobiphenyl
 Concen: 108.858 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BF111076.D
 Acq: 29 Nov 2018 6:16

Tgt Ion:172 Resp: 697542
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.4 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: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF111076.D

Acq: 29 Nov 2018 6:16

Instrument :

BNA_F

ClientSampleId :

112618-TIPC-F-U-S

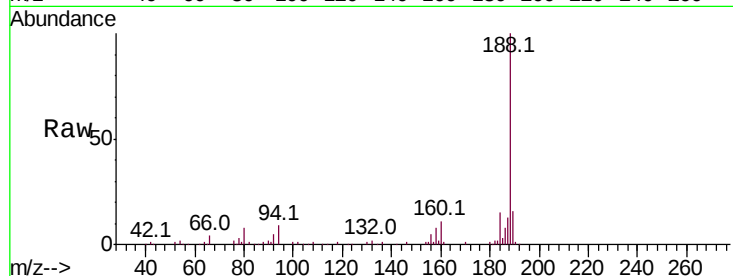
Tot Ion:188 Resp: 157247

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

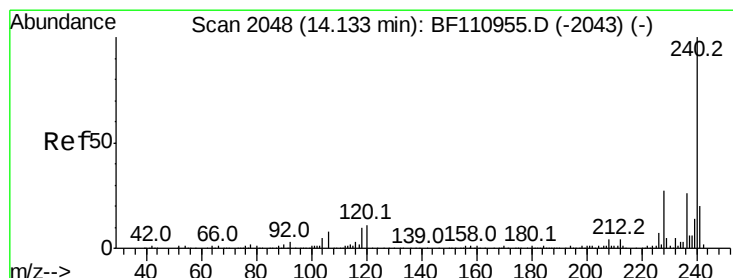
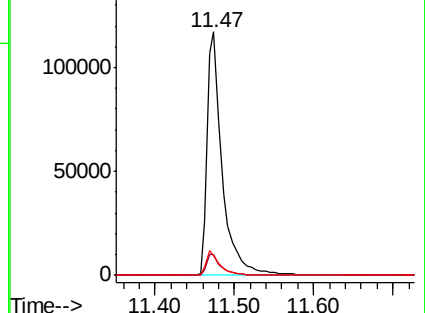
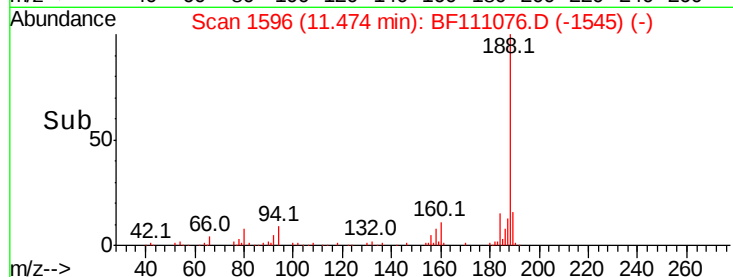
80 8.3 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BF111076.D

Acq: 29 Nov 2018 6:16

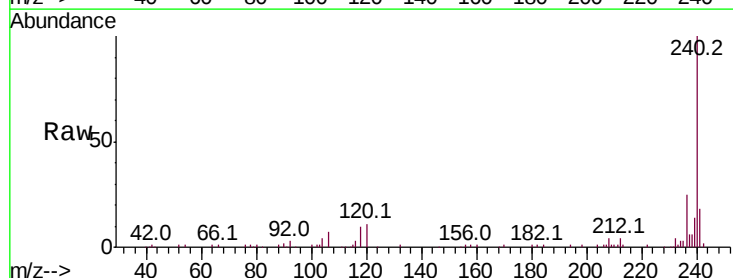
Tgt Ion:240 Resp: 125882

Ion Ratio Lower Upper

240 100

120 11.0 8.3 12.5

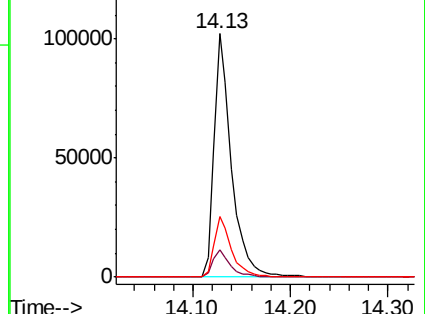
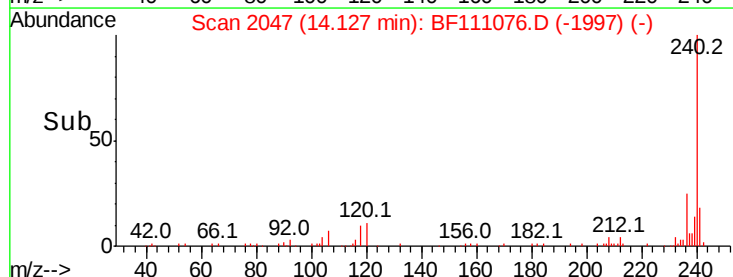
236 25.0 21.2 31.8

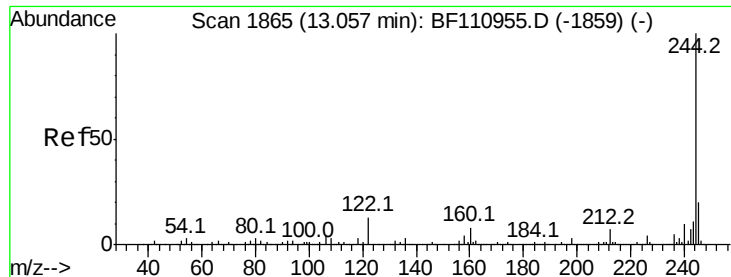


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.855 ng

RT: 13.05 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BF111076.D

Acq: 29 Nov 2018 6:16

Instrument :

BNA_F

ClientSampleId :

112618-TIPC-F-U-S

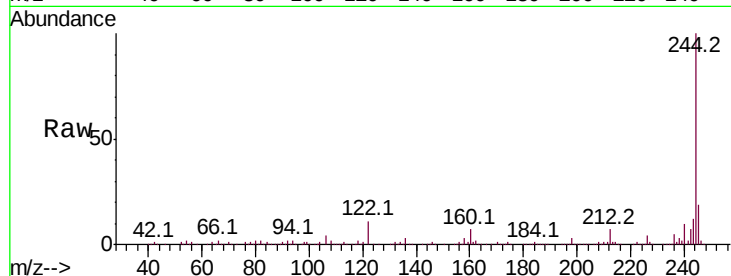
Tot Ion:244 Resp: 555194

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

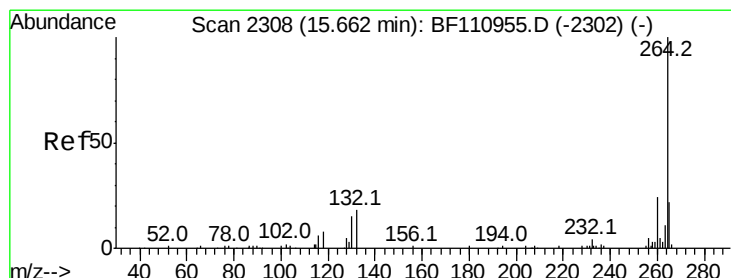
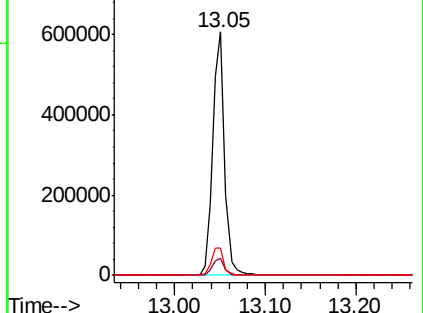
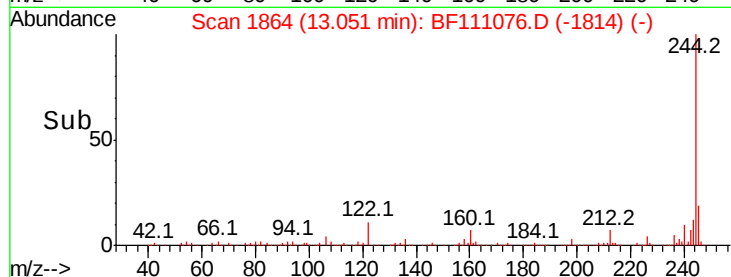
122 11.2 8.7 13.1



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: 15.66 min Scan# 2308

Delta R.T. -0.01 min

Lab File: BF111076.D

Acq: 29 Nov 2018 6:16

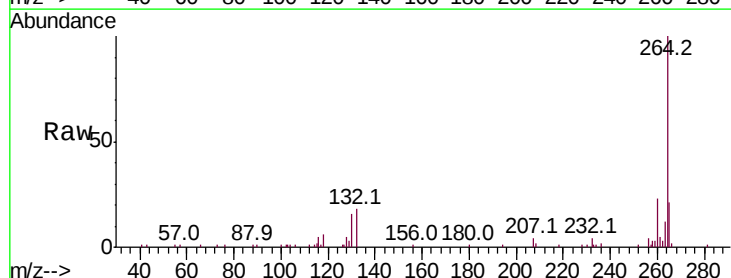
Tgt Ion:264 Resp: 100368

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.5 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

