

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107394.D
 Acq On : 14 Jul 2018 4:28
 Operator : JU/SJ
 Sample : J3970-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-D-S

Quant Time: Jul 14 06:34:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

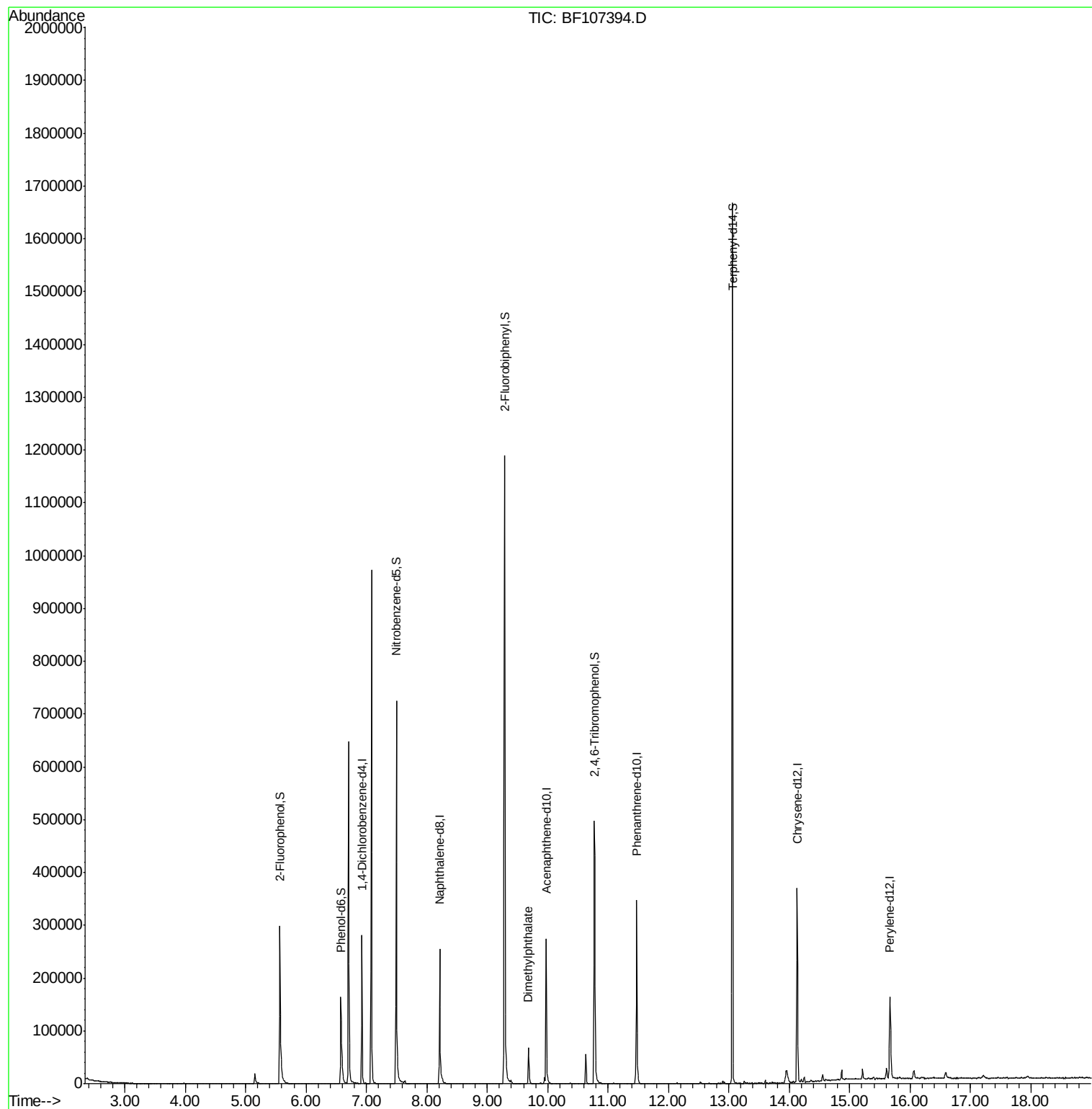
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	43037	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	150208	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	72410	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	149999	20.00	ng	0.00
75) Chrysene-d12	14.13	240	142273	20.00	ng	0.00
86) Perylene-d12	15.67	264	100776	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	116618	45.88	ng	0.00
7) Phenol-d6	6.58	99	86978	27.40	ng	0.00
23) Nitrobenzene-d5	7.50	82	264803	97.97	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	87490	104.25	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	476820	117.02	ng	0.00
78) Terphenyl-d14	13.06	244	667972	113.73	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.68	163	37456	6.897	ng	96

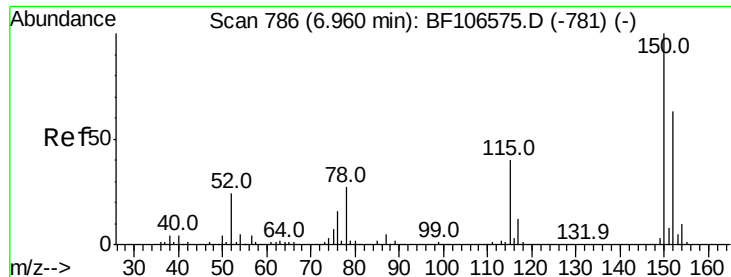
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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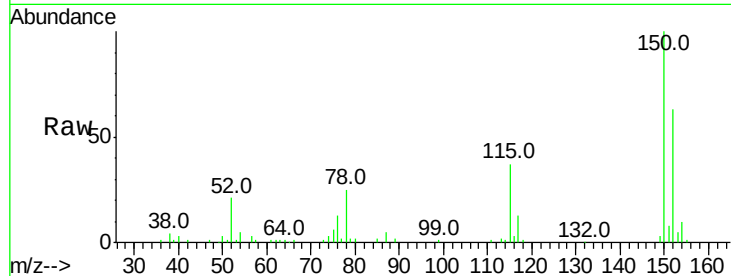


#1

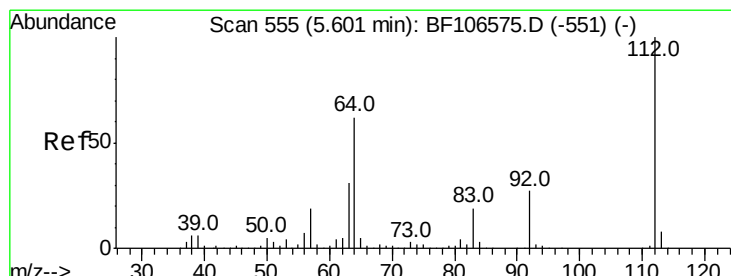
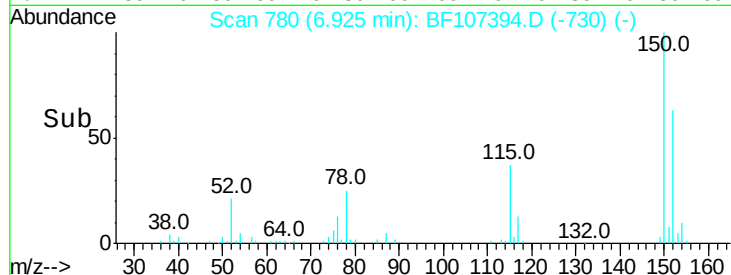
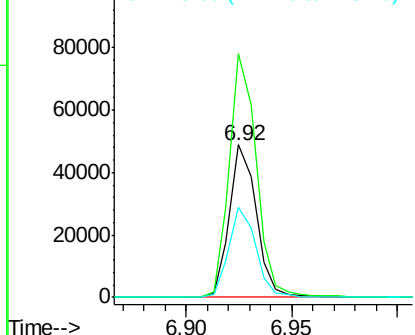
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.92 min Scan# 780
 Delta R.T. -0.01 min
 Lab File: BF107394.D
 Acq: 14 Jul 2018 4:28

Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-D-S

Tot Ion:152 Resp: 43037
 Ion Ratio Lower Upper
 152 100
 150 159.5 124.6 186.8
 115 58.7 50.1 75.1



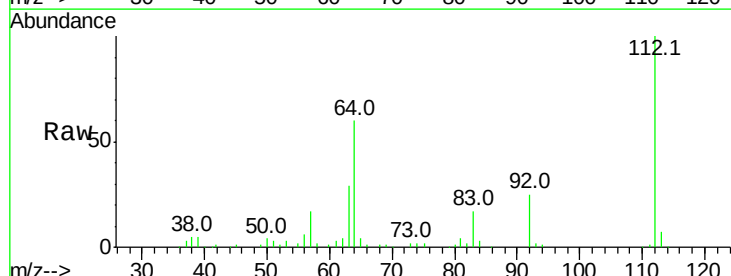
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



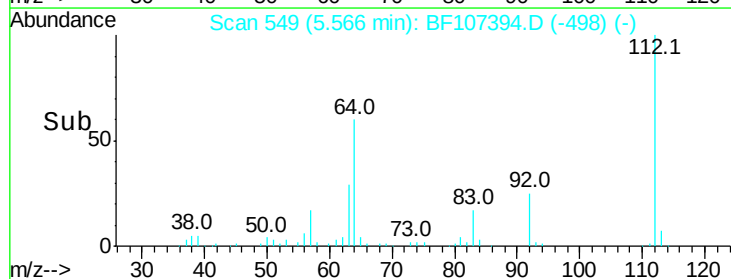
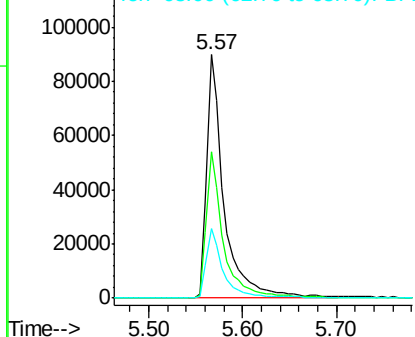
#5

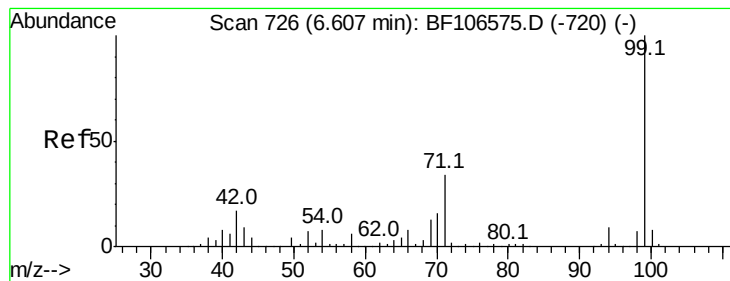
2-Fluorophenol
 Concen: 45.884 ng
 RT: 5.57 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF107394.D
 Acq: 14 Jul 2018 4:28

Tgt Ion:112 Resp: 116618
 Ion Ratio Lower Upper
 112 100
 64 60.0 47.9 71.9
 63 28.6 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: 27.404 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107394.D

Acq: 14 Jul 2018 4:28

Instrument :

BNA_F

ClientSampleId :

071118-TIPC-F-D-S

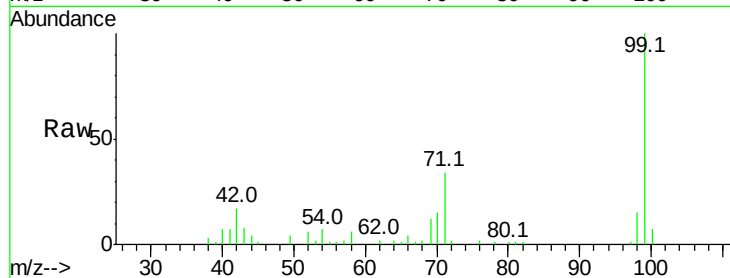
Tot Ion: 99 Resp: 86978

Ion Ratio Lower Upper

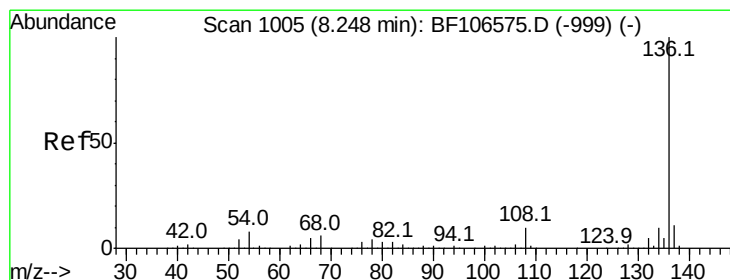
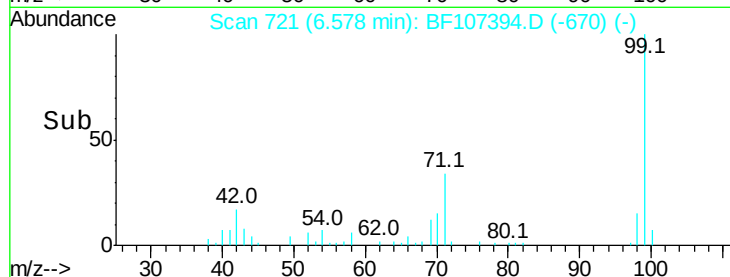
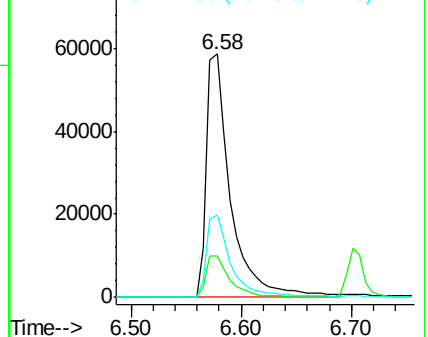
99 100

42 16.9 14.5 21.7

71 33.7 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: 8.21 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF107394.D

Acq: 14 Jul 2018 4:28

Tgt Ion: 136 Resp: 150208

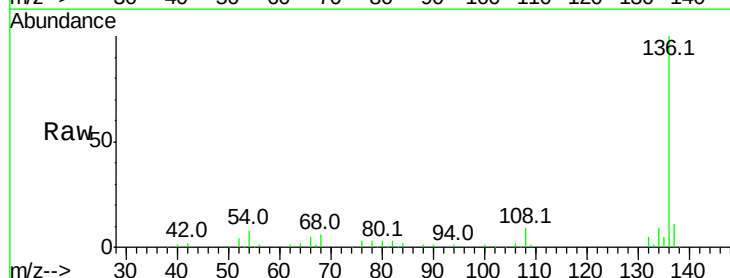
Ion Ratio Lower Upper

136 100

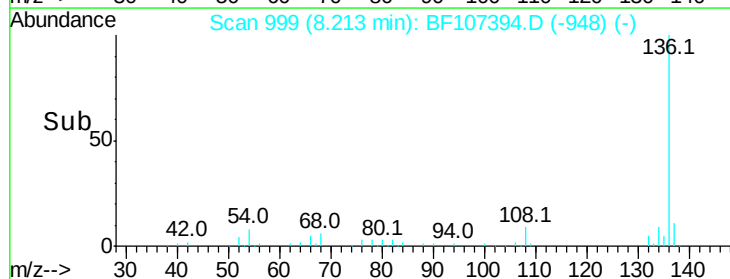
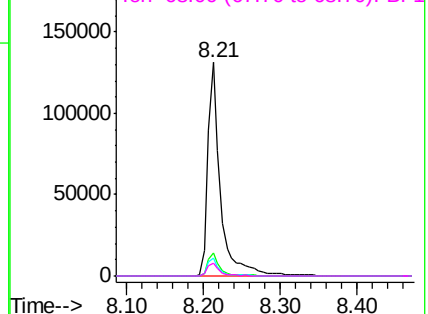
137 10.7 8.9 13.3

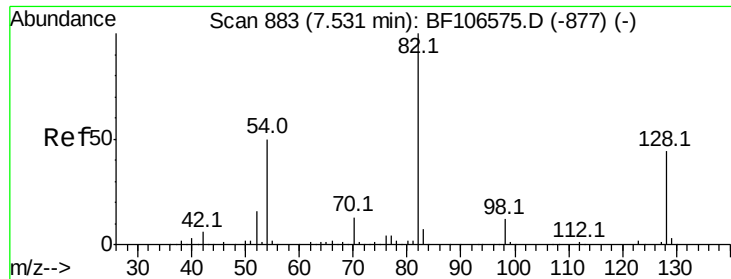
54 8.2 6.6 9.8

68 6.1 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

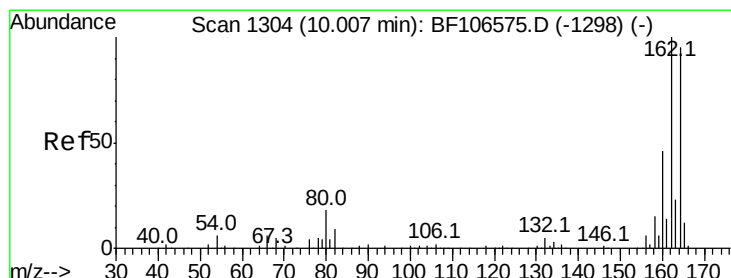
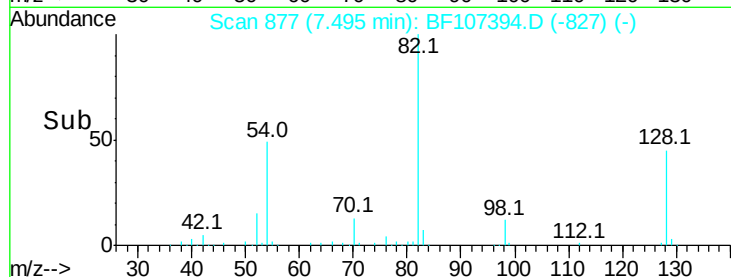
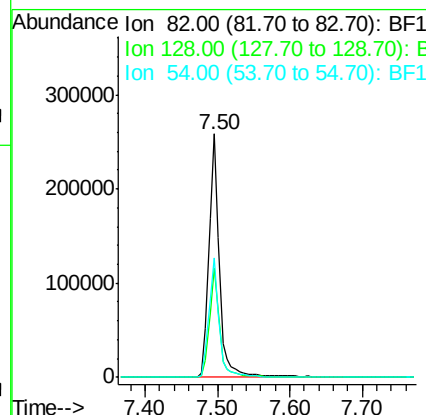
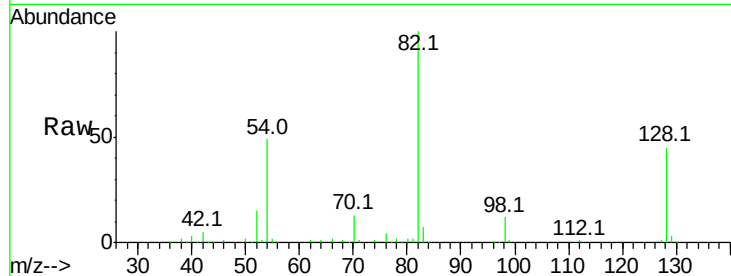




#23
Nitrobenzene-d5
Concen: 97.971 ng
RT: 7.50 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF107394.D
Acq: 14 Jul 2018 4:28

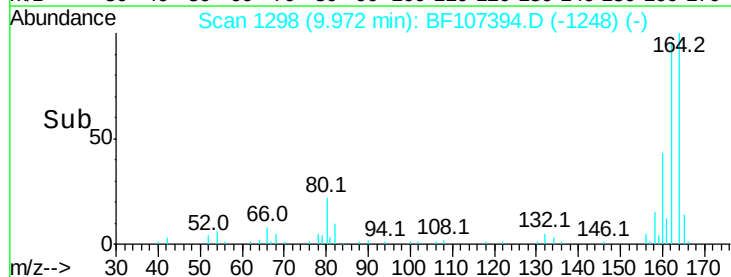
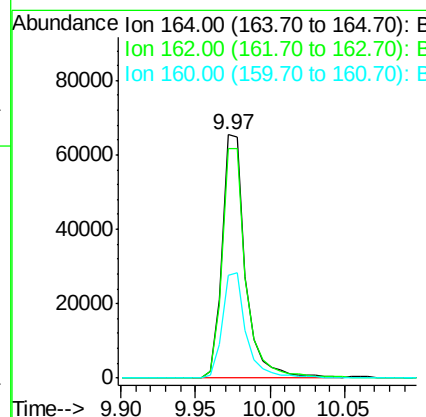
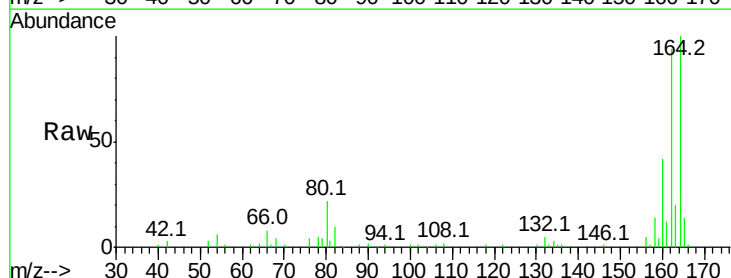
Instrument :
BNA_F
ClientSampleId :
071118-TIPC-F-D-S

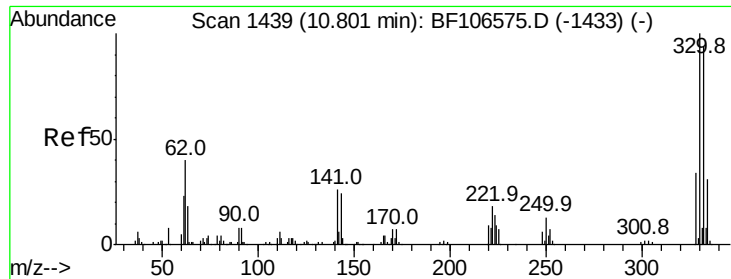
Tot Ion: 82 Resp: 264803
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 49.1 41.4 62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF107394.D
Acq: 14 Jul 2018 4:28

Tgt Ion:164 Resp: 72410
Ion Ratio Lower Upper
164 100
162 94.2 86.1 129.1
160 42.0 38.3 57.5

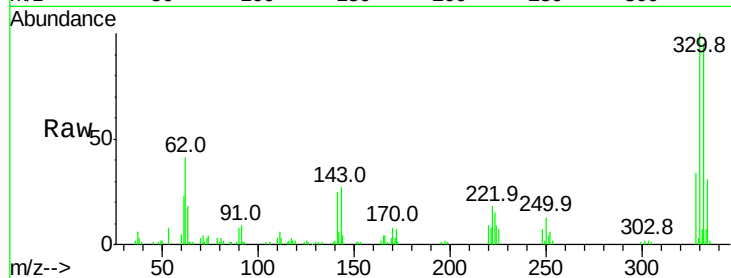




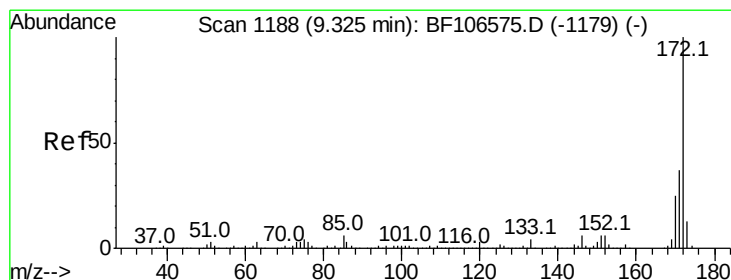
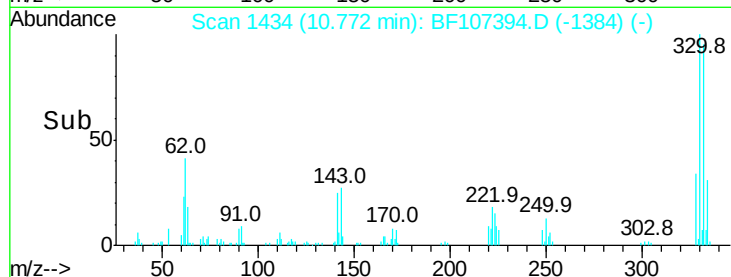
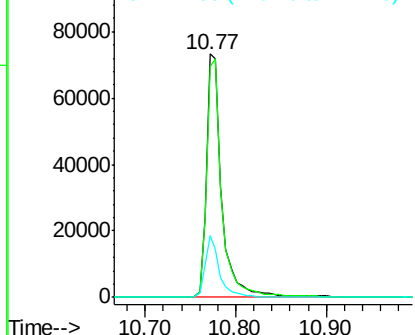
#41
 2,4,6-Tribromophenol
 Concen: 104.248 ng
 RT: 10.77 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF107394.D
 Acq: 14 Jul 2018 4:28

Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-D-S

Tot Ion:330 Resp: 87490
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.0 115.6
 141 23.6 29.9 44.9#

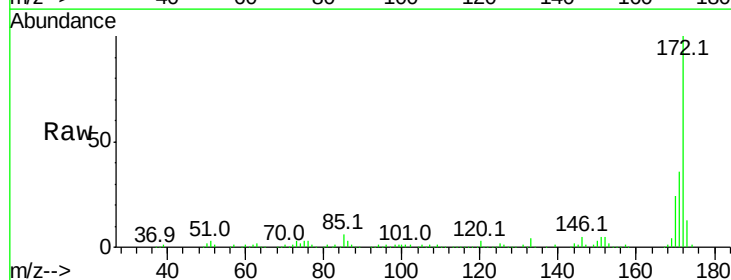


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

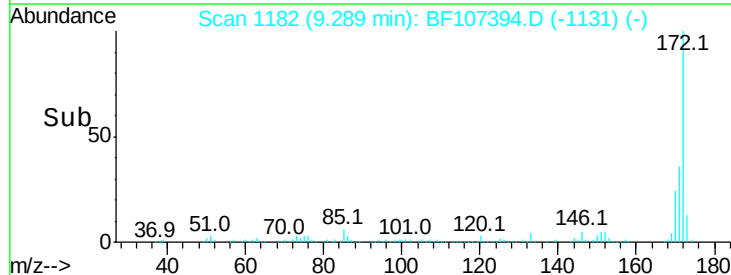
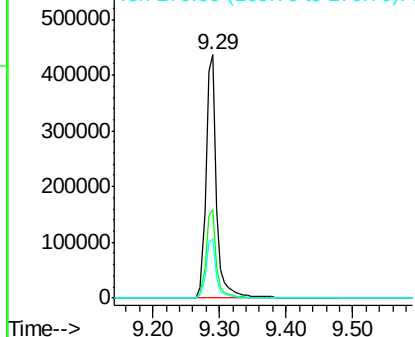


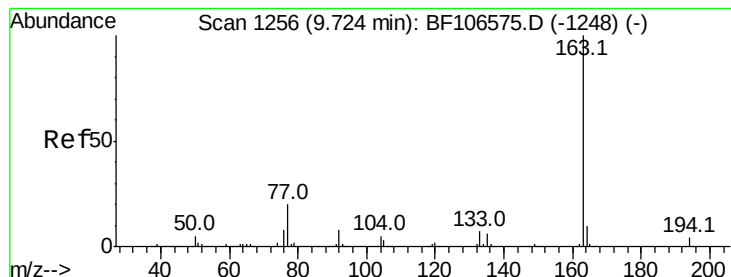
#44
 2-Fluorobiphenyl
 Concen: 117.015 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107394.D
 Acq: 14 Jul 2018 4:28

Tgt Ion:172 Resp: 476820
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.2 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





#49

Dimethylphthalate

Concen: 6.897 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF107394.D

Acq: 14 Jul 2018 4:28

Instrument :

BNA_F

ClientSampleId :

071118-TIPC-F-D-S

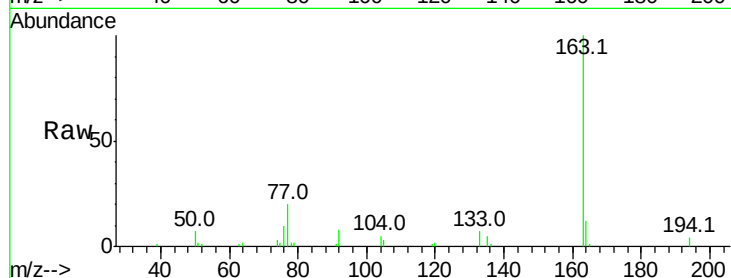
Tot Ion:163 Resp: 37456

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

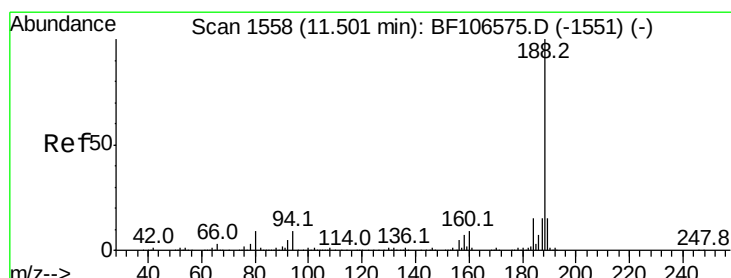
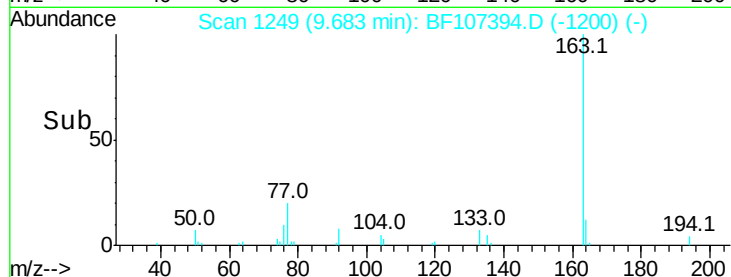
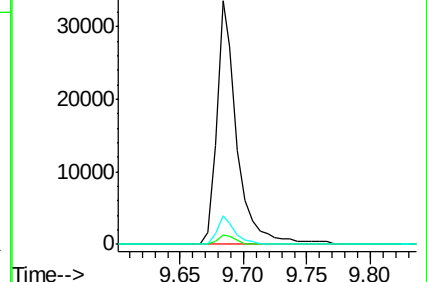
164 11.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF107394.D

Acq: 14 Jul 2018 4:28

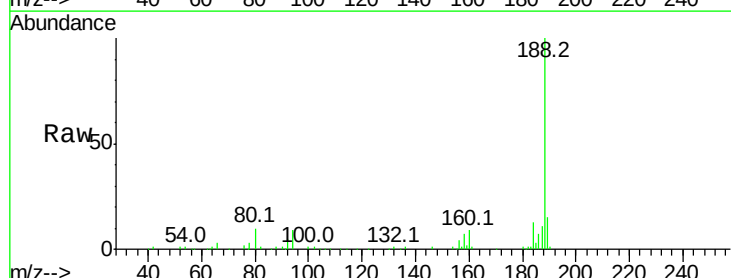
Tgt Ion:188 Resp: 149999

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

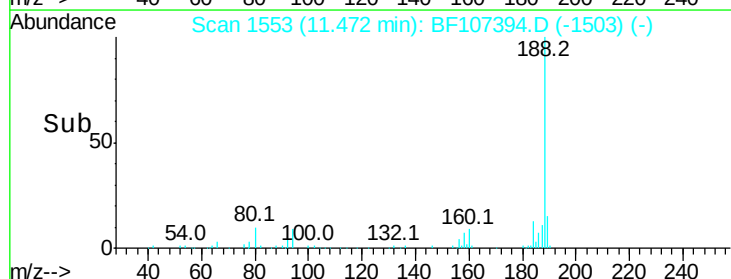
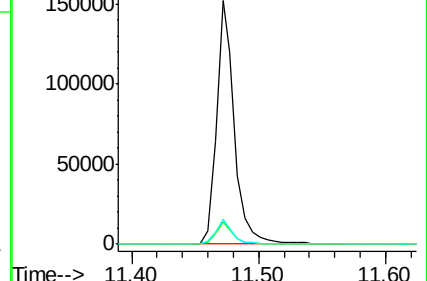
80 10.2 9.2 13.8

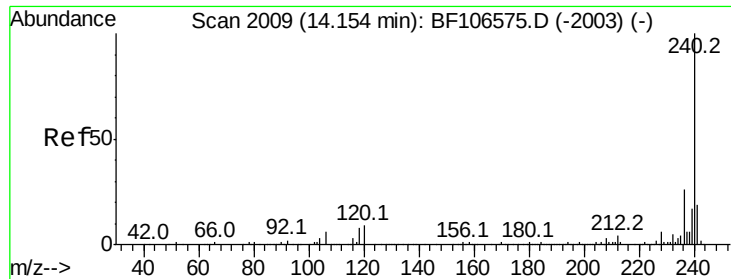


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

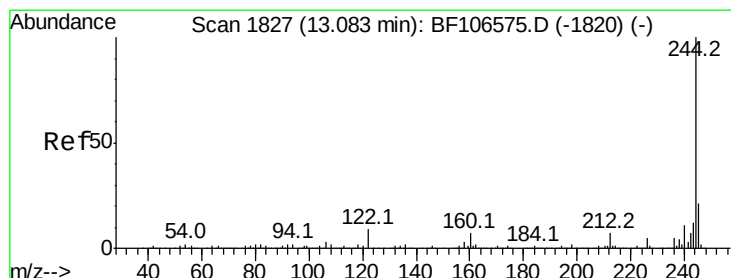
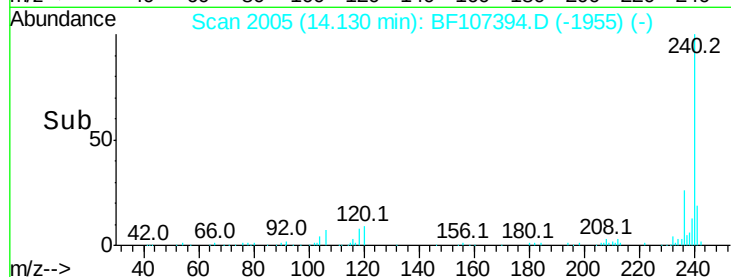
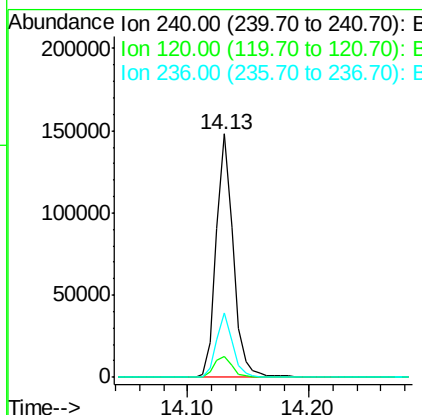
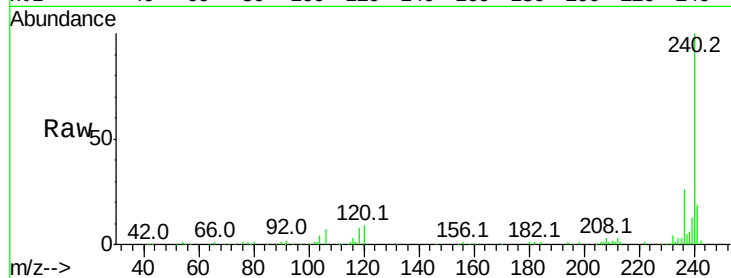




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.01 min
 Lab File: BF107394.D
 Acq: 14 Jul 2018 4:28

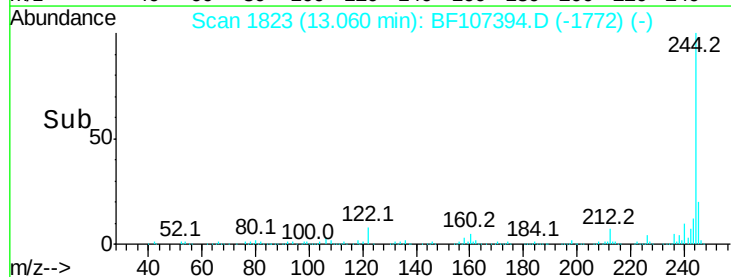
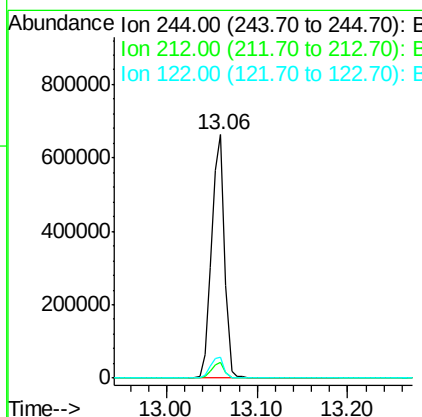
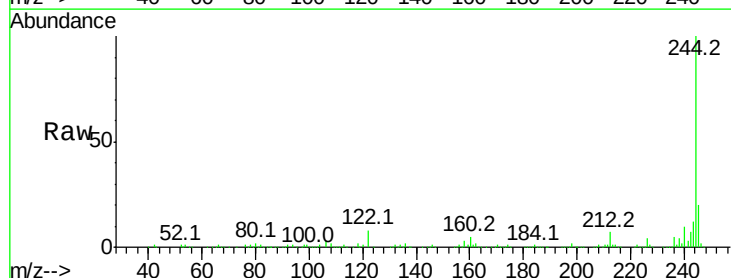
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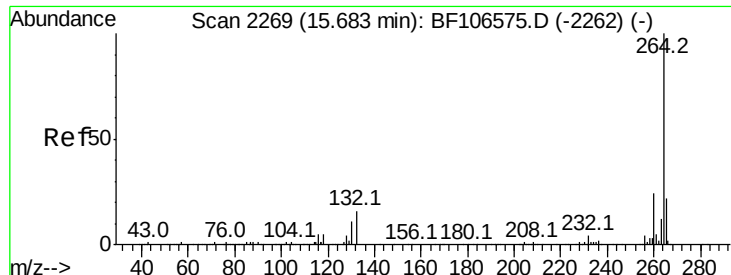
Tot Ion:240 Resp: 142273
 Ion Ratio Lower Upper
 240 100
 120 8.8 9.5 14.3#
 236 26.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 113.727 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BF107394.D
 Acq: 14 Jul 2018 4:28

Tgt Ion:244 Resp: 667972
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.4 11.0 16.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BF107394.D
Acq: 14 Jul 2018 4:28

Instrument :
BNA_F
ClientSampleId :
071118-TIPC-F-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	17.5	26.3

