

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122818\
 Data File : BF111796.D
 Acq On : 28 Dec 2018 18:39
 Operator : JU/SJ
 Sample : J6591-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW09_122718

Quant Time: Dec 29 02:06:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

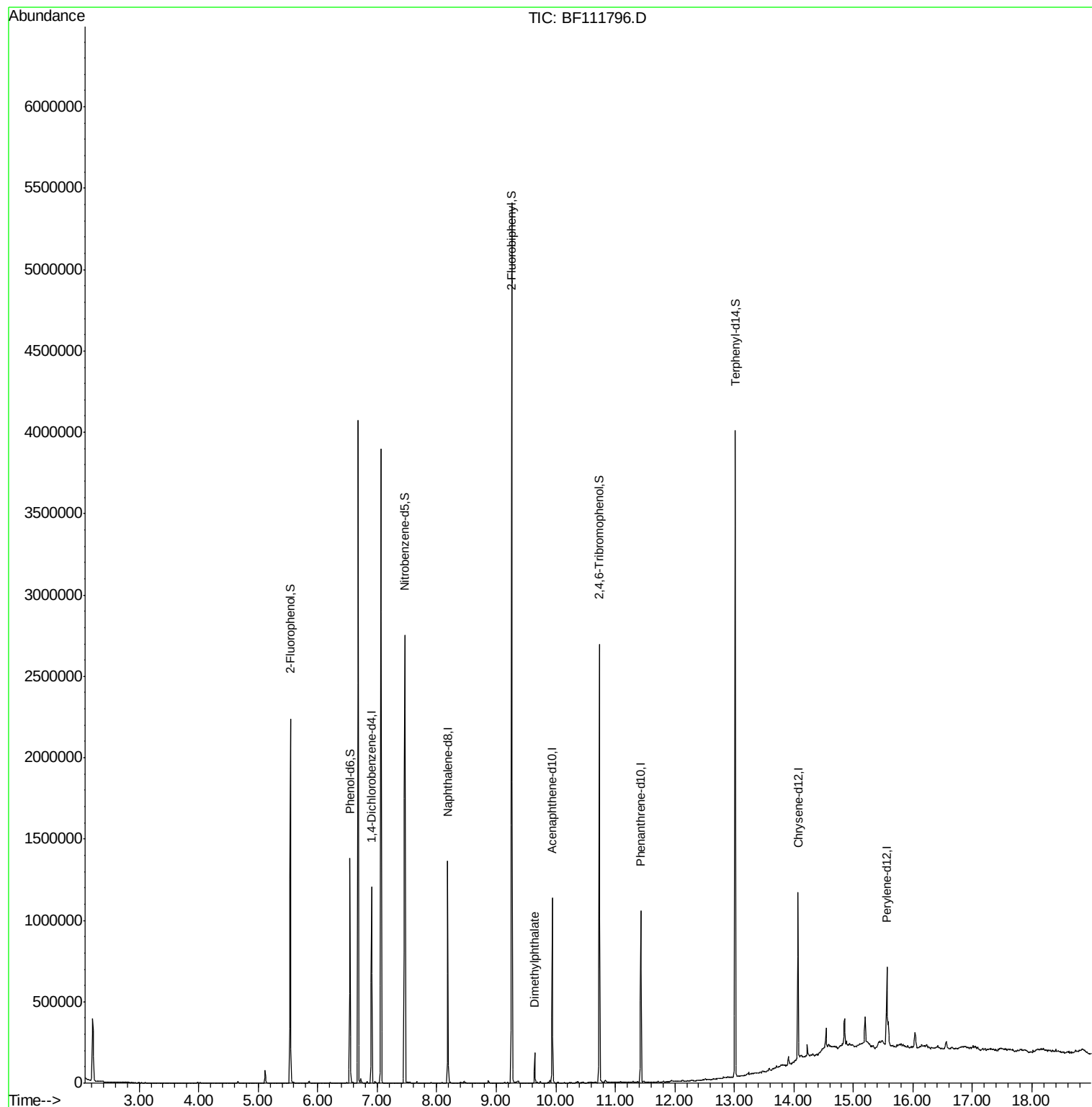
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	158529	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	544880	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	223820	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	358742	20.00	ng	0.01
76) Chrysene-d12	14.07	240	326147	20.00	ng	0.02
87) Perylene-d12	15.56	264	228572	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	542565	58.34	ng	0.02
7) Phenol-d6	6.54	99	416690	35.20	ng	0.02
23) Nitrobenzene-d5	7.46	82	935014	99.88	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	313898	118.69	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1608121	104.73	ng	0.00
79) Terphenyl-d14	13.02	244	1365097	79.38	ng	0.02
Target Compounds						
50) Dimethylphthalate	9.65	163	70884	4.331	ng	Qvalue 98

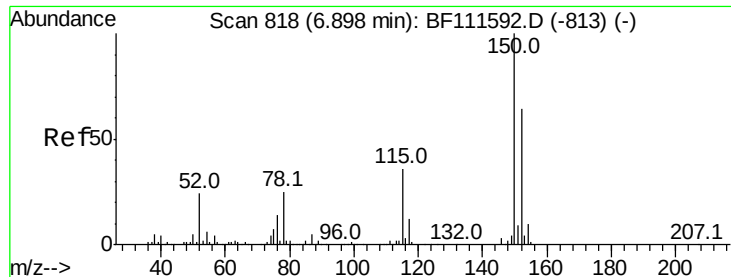
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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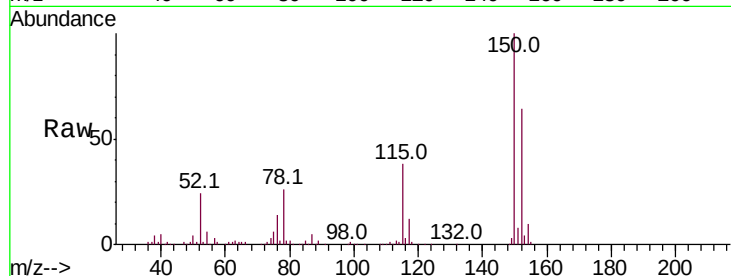


#1

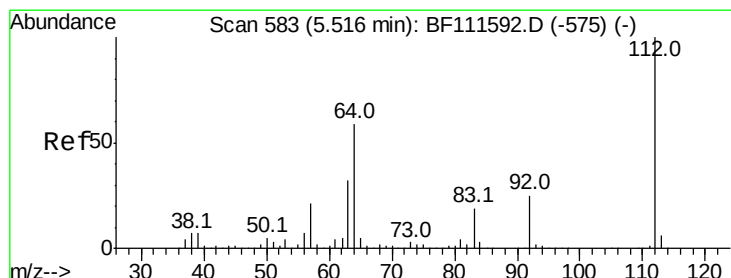
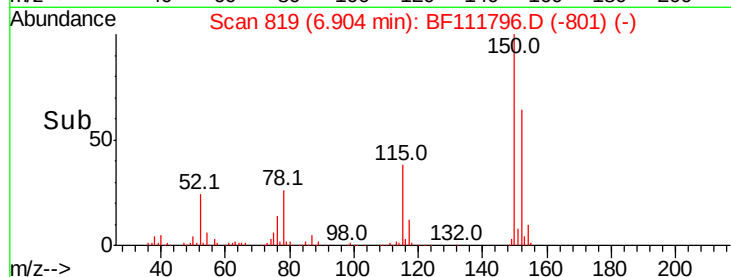
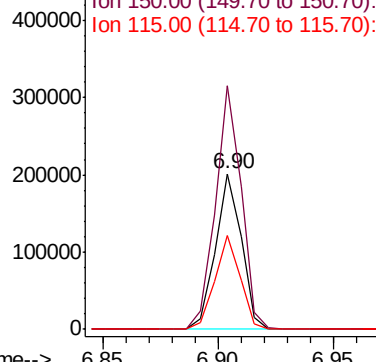
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111796.D
Acq: 28 Dec 2018 18:39

Instrument :
BNA_F
ClientSampleId :
MW09_122718

Tot Ion:152 Resp: 158529
Ion Ratio Lower Upper
152 100
150 156.4 126.6 189.8
115 60.1 50.7 76.1



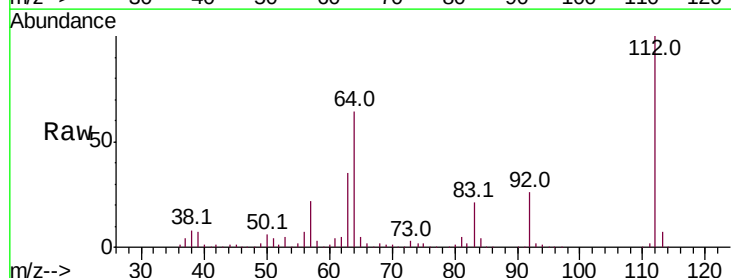
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



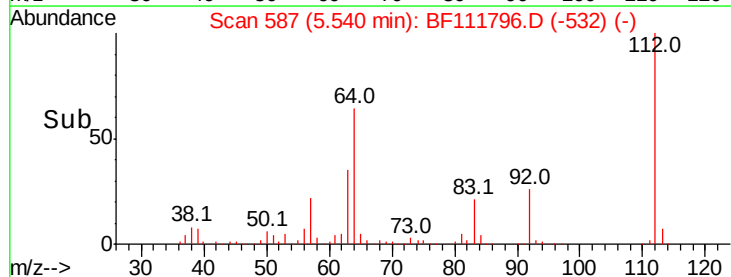
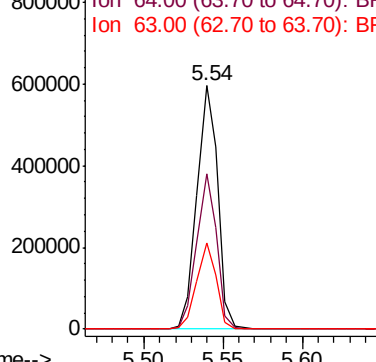
#5

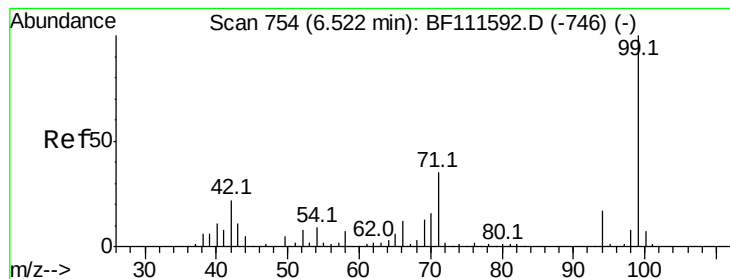
2-Fluorophenol
Concen: 58.338 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111796.D
Acq: 28 Dec 2018 18:39

Tgt Ion:112 Resp: 542565
Ion Ratio Lower Upper
112 100
64 63.9 51.8 77.6
63 35.3 26.8 40.2



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: 35.205 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.02 min

Lab File: BF111796.D

Acq: 28 Dec 2018 18:39

Instrument :

BNA_F

ClientSampleId :

MW09_122718

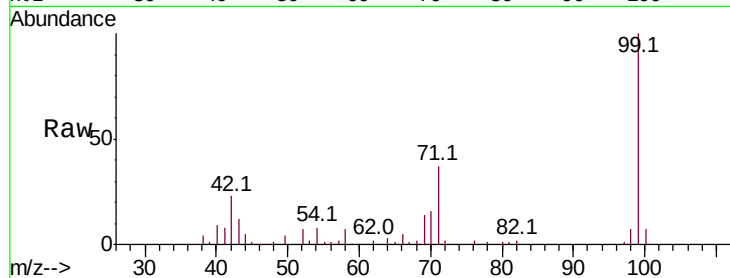
Tot Ion: 99 Resp: 416690

Ion Ratio Lower Upper

99 100

42 22.8 17.4 26.0

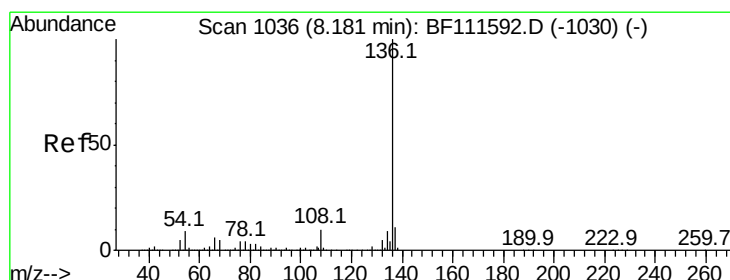
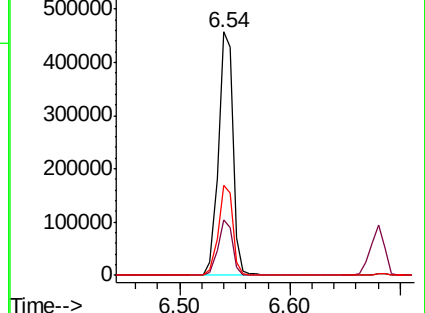
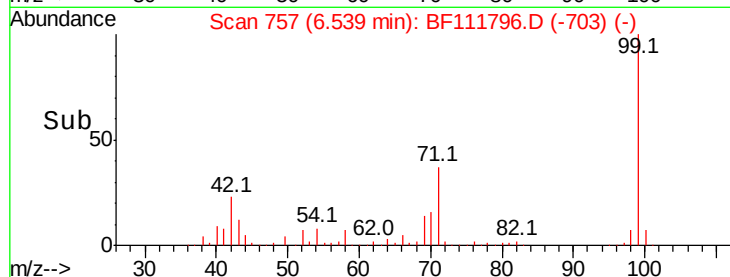
71 37.2 26.1 39.1



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: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111796.D

Acq: 28 Dec 2018 18:39

Tgt Ion: 136 Resp: 544880

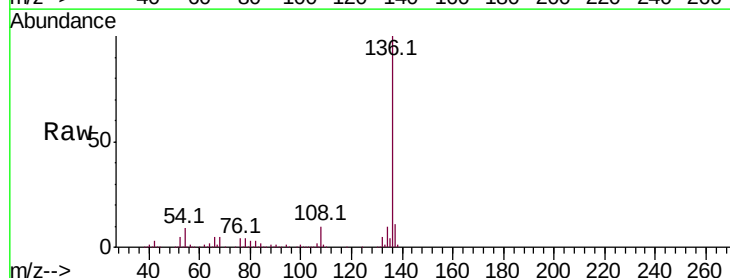
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 8.8 7.7 11.5

68 5.1 4.9 7.3

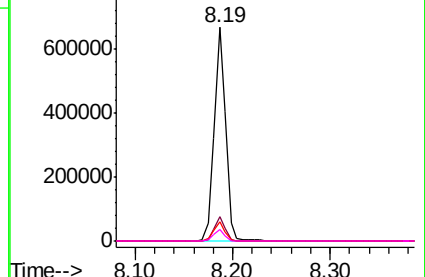
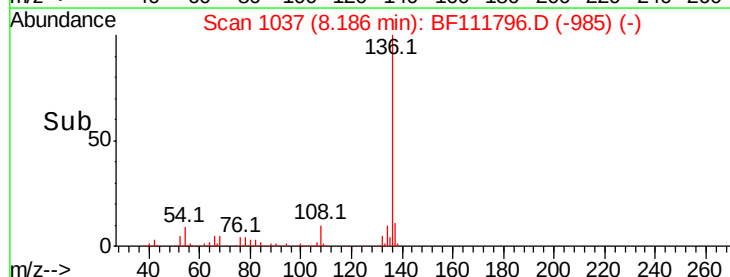


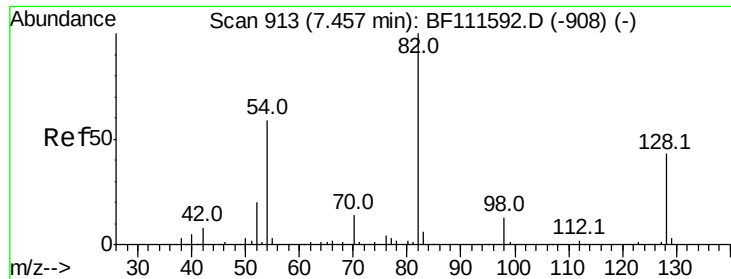
Abundance Ion 136.00 (135.70 to 136.70): E

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

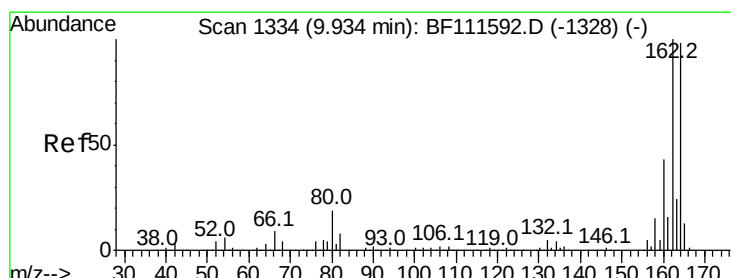
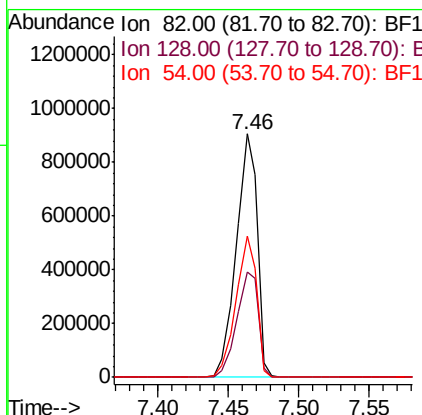
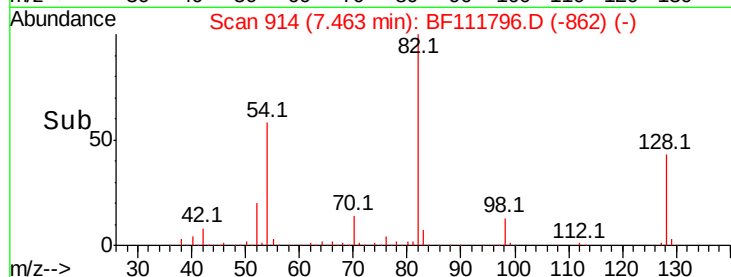
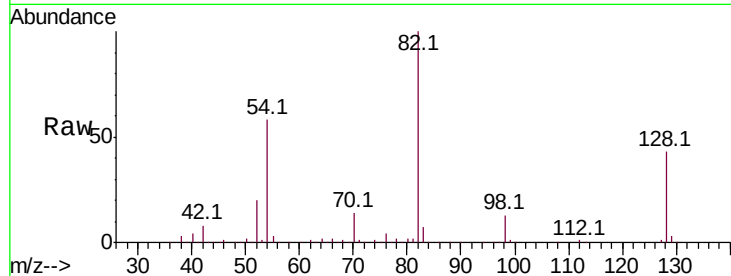




#23
 Nitrobenzene-d5
 Concen: 99.884 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111796.D
 Acq: 28 Dec 2018 18:39

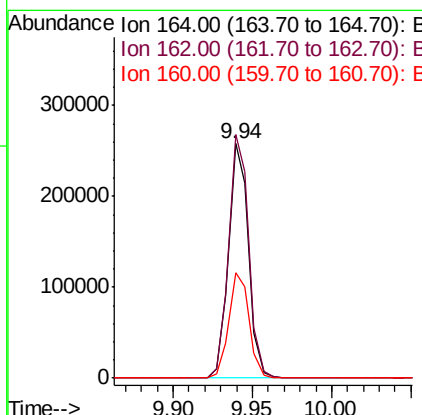
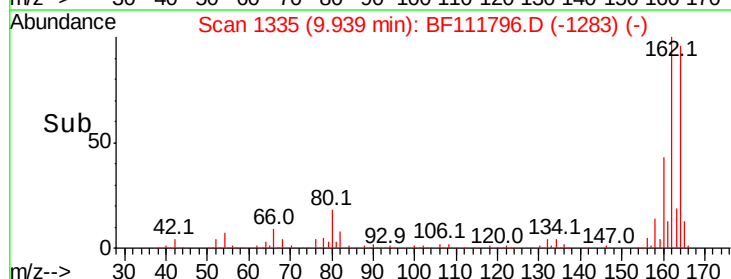
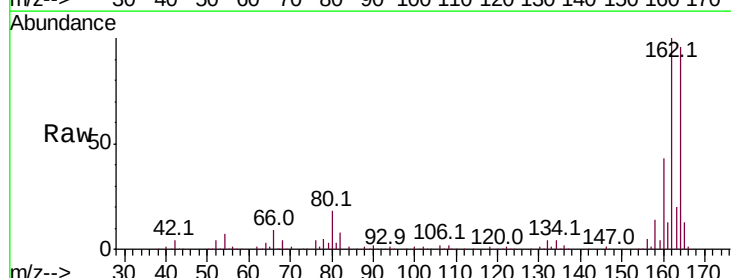
Instrument :
 BNA_F
 ClientSampleId :
 MW09_122718

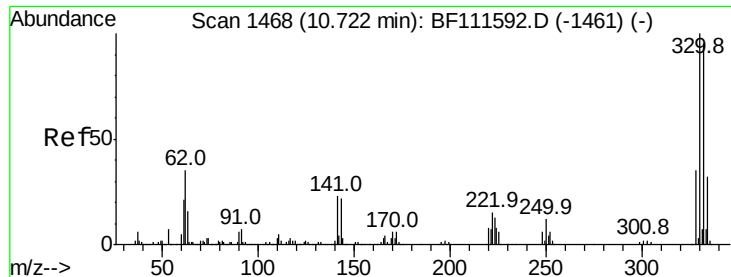
Tot Ion: 82 Resp: 935014
 Ion Ratio Lower Upper
 82 100
 128 43.0 37.4 56.2
 54 58.2 47.6 71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111796.D
 Acq: 28 Dec 2018 18:39

Tgt Ion: 164 Resp: 223820
 Ion Ratio Lower Upper
 164 100
 162 103.8 81.4 122.0
 160 44.7 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 118.694 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111796.D

Acq: 28 Dec 2018 18:39

Instrument :

BNA_F

ClientSampleId :

MW09_122718

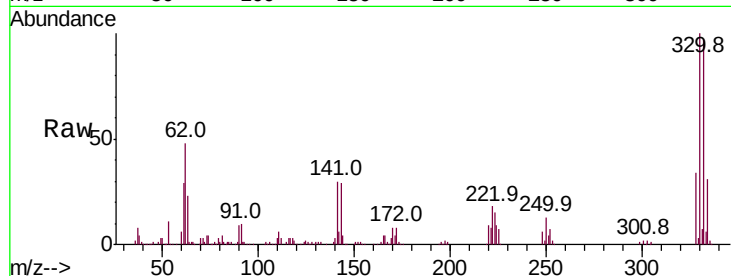
Tot Ion:330 Resp: 313898

Ion Ratio Lower Upper

330 100

332 95.8 76.0 114.0

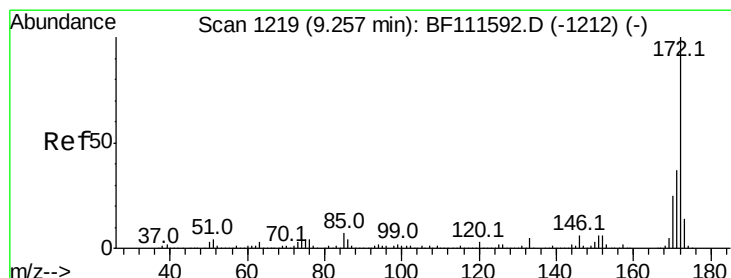
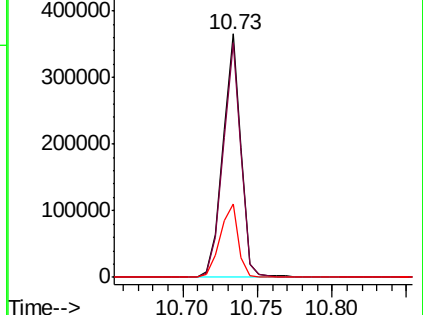
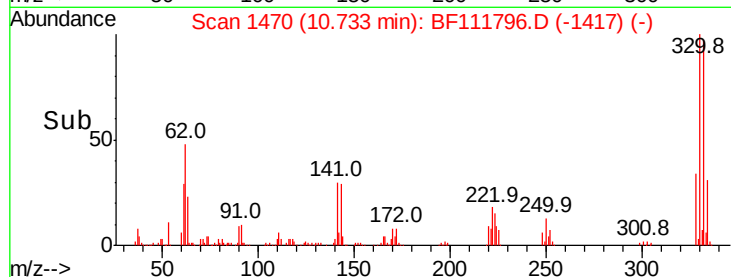
141 30.1 31.0 46.6#



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: 104.725 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF111796.D

Acq: 28 Dec 2018 18:39

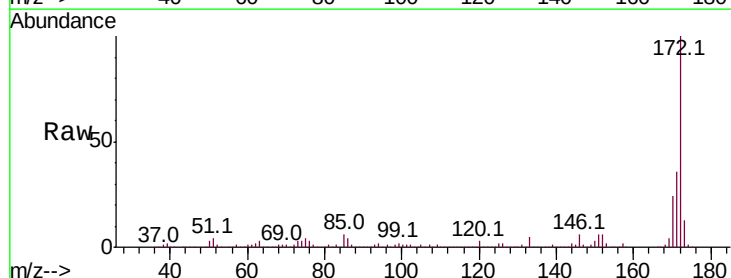
Tgt Ion:172 Resp: 1608121

Ion Ratio Lower Upper

172 100

171 36.5 33.0 49.4

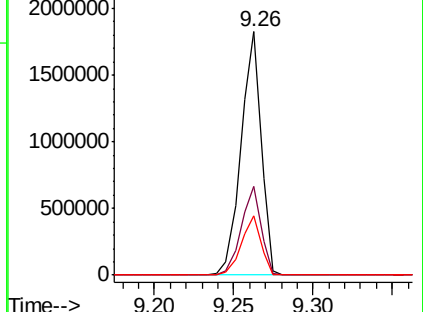
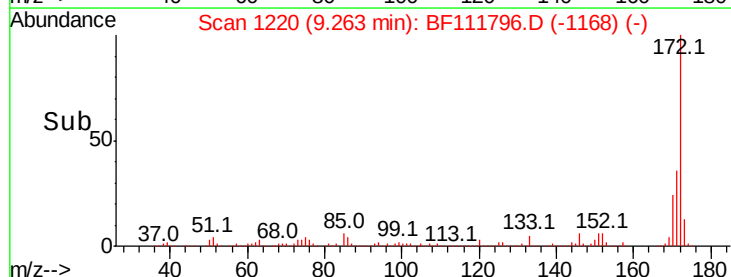
170 24.3 22.3 33.5

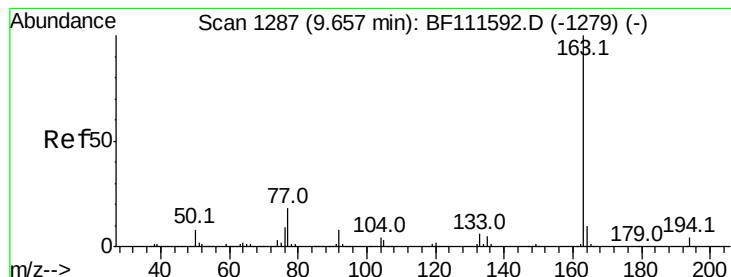


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.331 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF111796.D

Acq: 28 Dec 2018 18:39

Instrument :

BNA_F

ClientSampled :

MW09_122718

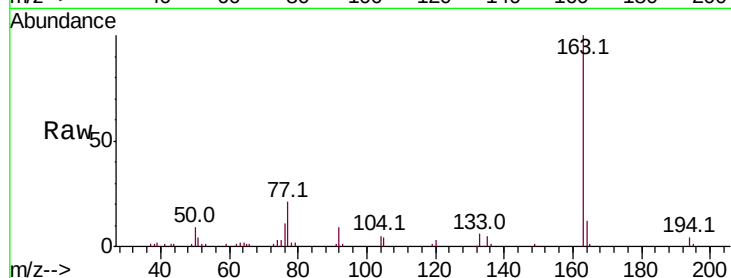
Tot Ion:163 Resp: 70884

Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

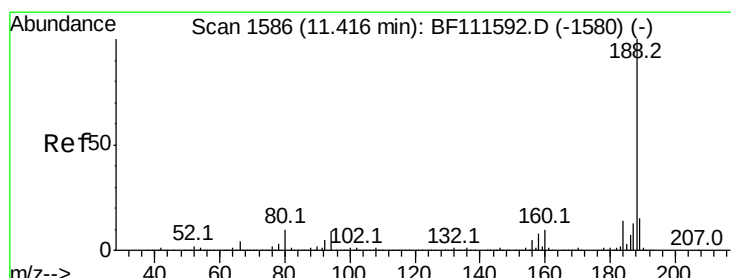
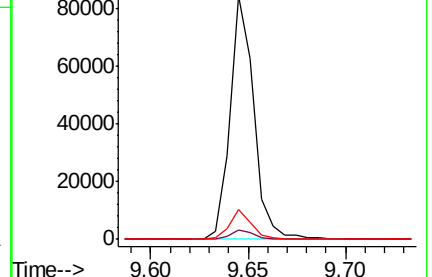
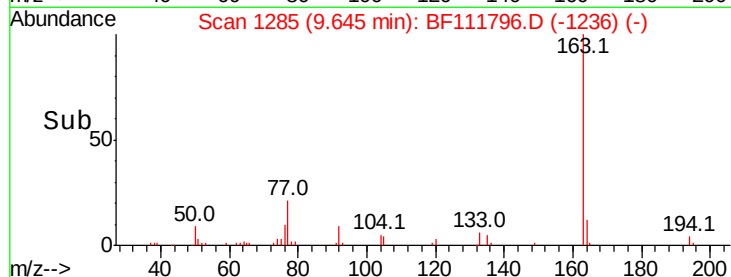
164 12.0 8.9 13.3



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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF111796.D

Acq: 28 Dec 2018 18:39

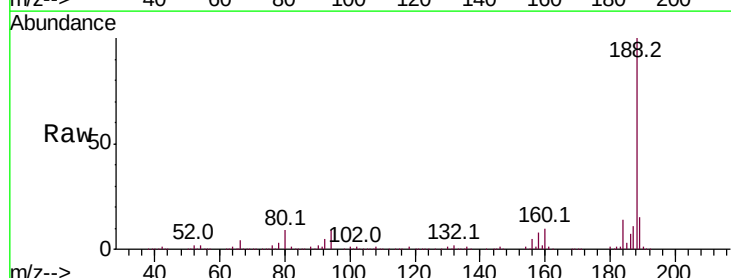
Tgt Ion:188 Resp: 358742

Ion Ratio Lower Upper

188 100

94 8.7 9.6 14.4#

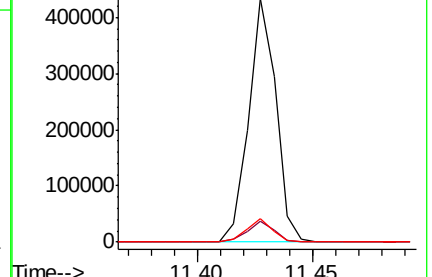
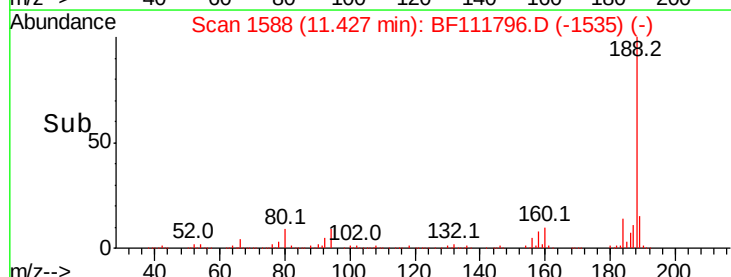
80 9.4 9.8 14.6#

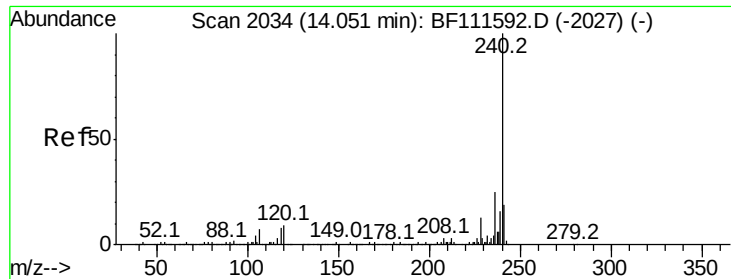


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

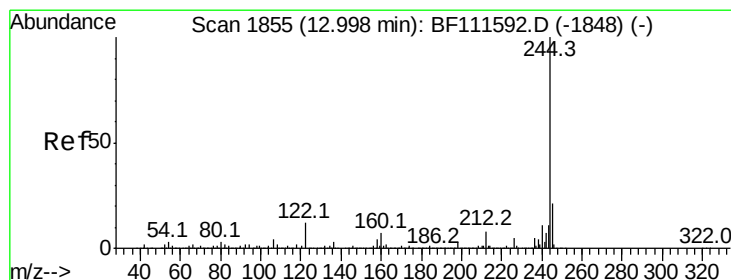
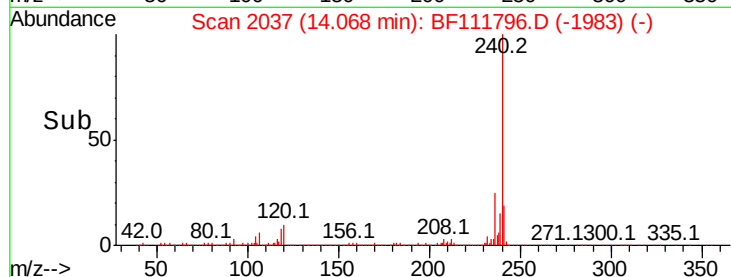
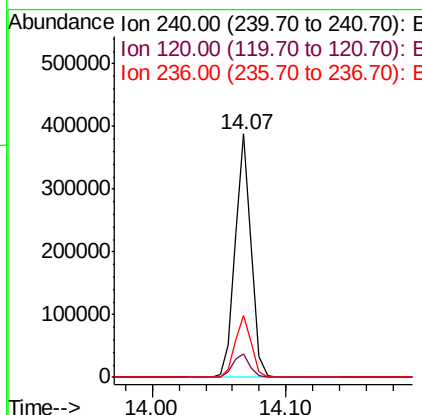
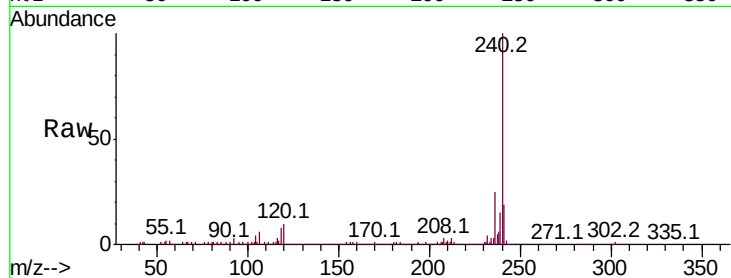




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. 0.02 min
 Lab File: BF111796.D
 Acq: 28 Dec 2018 18:39

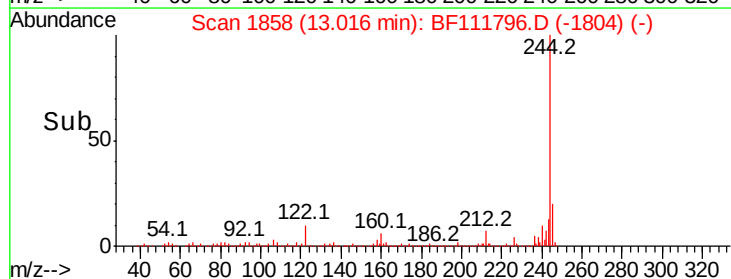
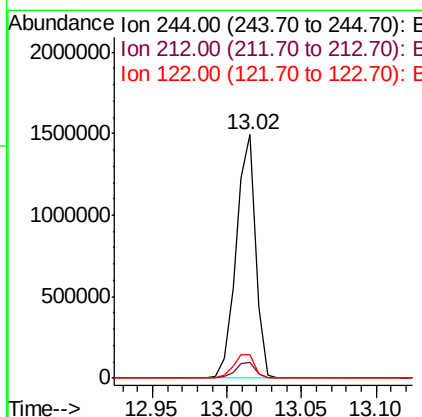
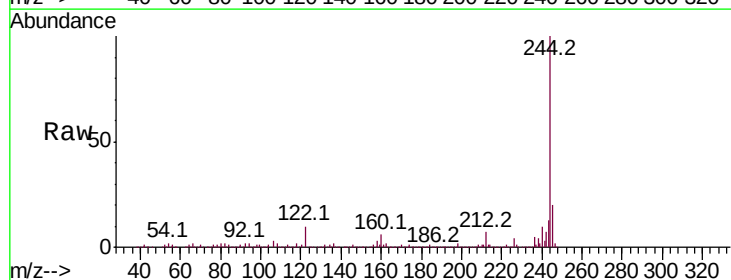
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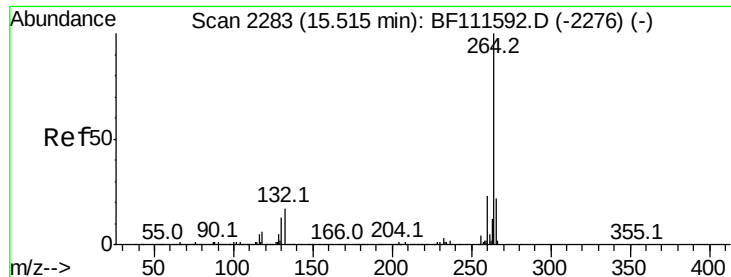
Tot Ion:240 Resp: 326147
 Ion Ratio Lower Upper
 240 100
 120 9.7 12.2 18.2#
 236 25.1 20.2 30.2



#79
 Terphenyl-d14
 Concen: 79.375 ng
 RT: 13.02 min Scan# 1858
 Delta R.T. 0.02 min
 Lab File: BF111796.D
 Acq: 28 Dec 2018 18:39

Tgt Ion:244 Resp: 1365097
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 9.6 13.1 19.7#





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.05 min
Lab File: BF111796.D
Acq: 28 Dec 2018 18:39

Instrument :
BNA_F
ClientSampleId :
MW09_122718

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	22.1	17.7	26.5

