

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122118\
 Data File : BF111698.D
 Acq On : 21 Dec 2018 20:14
 Operator : JU/SJ
 Sample : J6188-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-122018

Quant Time: Dec 22 00:28:41 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	152585	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	528615	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	233308	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	418230	20.00	ng	0.01
76) Chrysene-d12	14.06	240	317496	20.00	ng	0.01
87) Perylene-d12	15.54	264	244832	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1092749	122.07	ng	0.04
7) Phenol-d6	6.55	99	1229457	107.92	ng	0.02
23) Nitrobenzene-d5	7.46	82	957372	105.42	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	398824	144.67	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	1681953	105.08	ng	0.00
79) Terphenyl-d14	13.01	244	1717529	102.59	ng	0.01

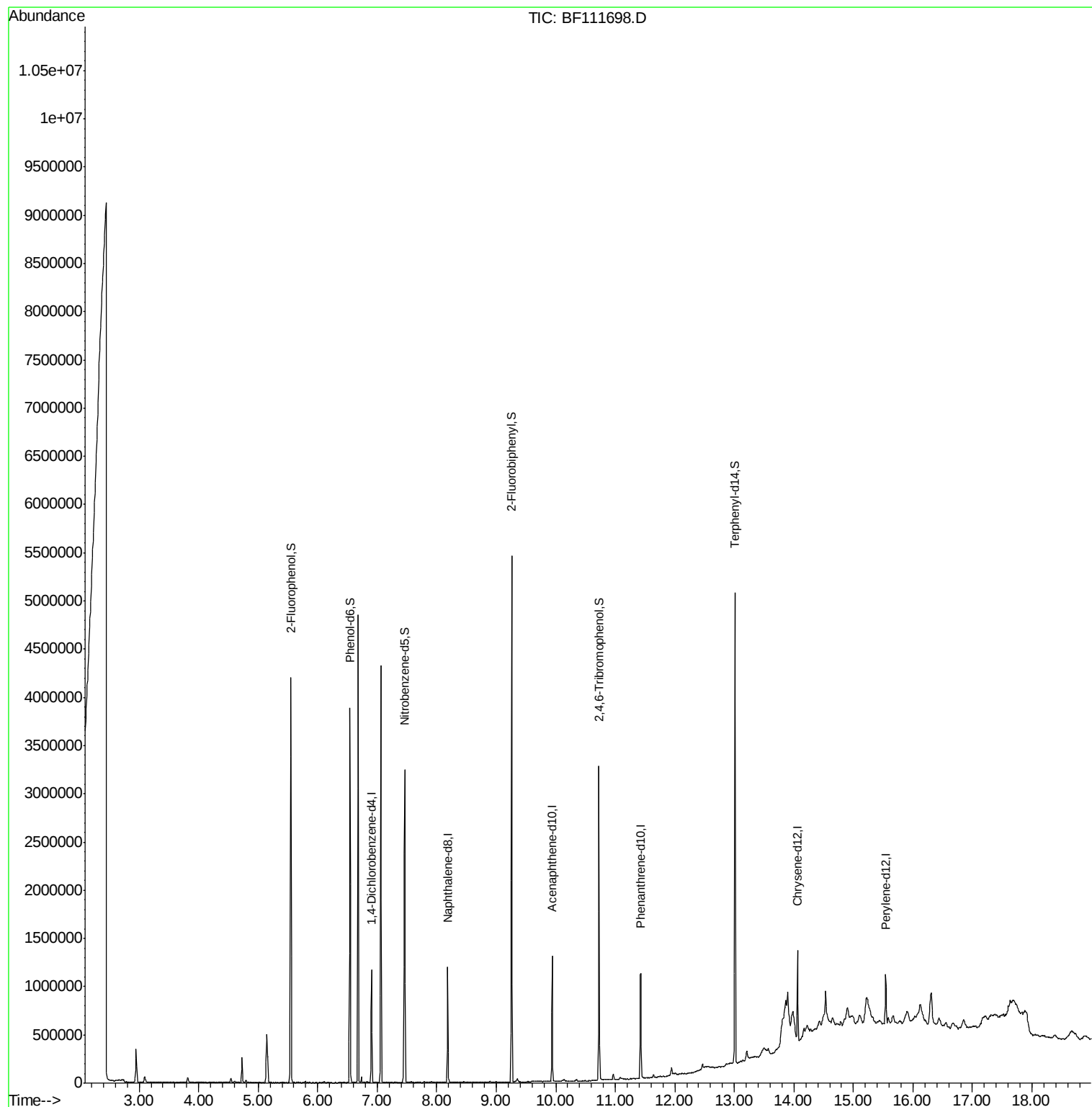
Target Compounds Qvalue

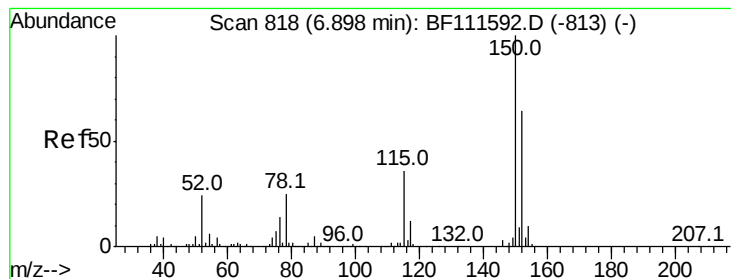
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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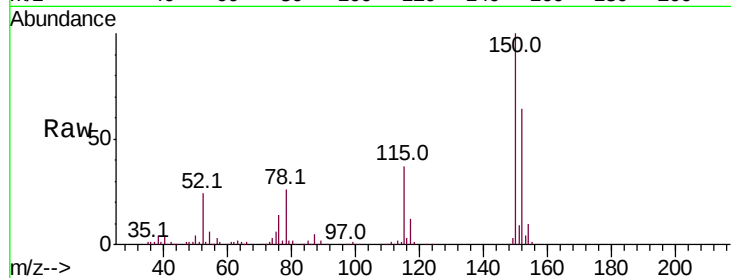


#1

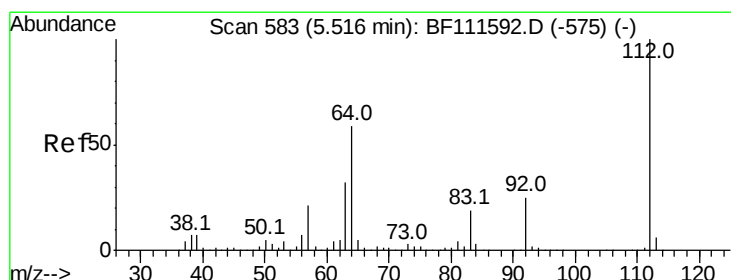
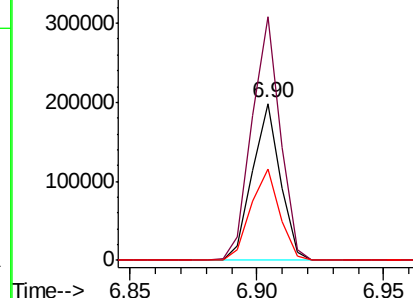
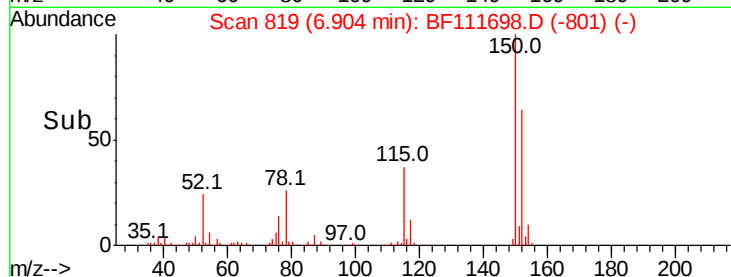
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111698.D
Acq: 21 Dec 2018 20:14

Instrument :
BNA_F
ClientSampleId :
BU-01-122018

Tot Ion:152 Resp: 152585
Ion Ratio Lower Upper
152 100
150 155.2 126.6 189.8
115 57.9 50.7 76.1



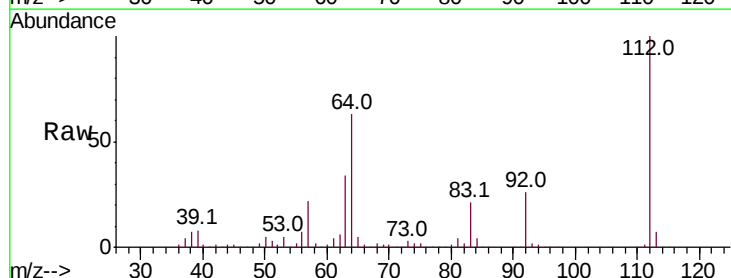
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



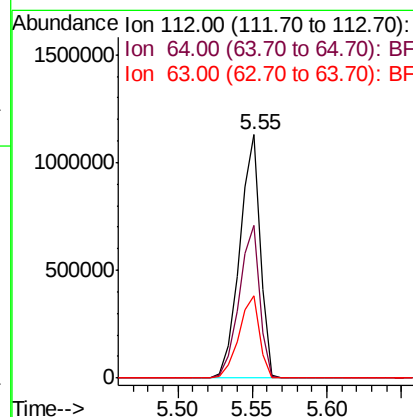
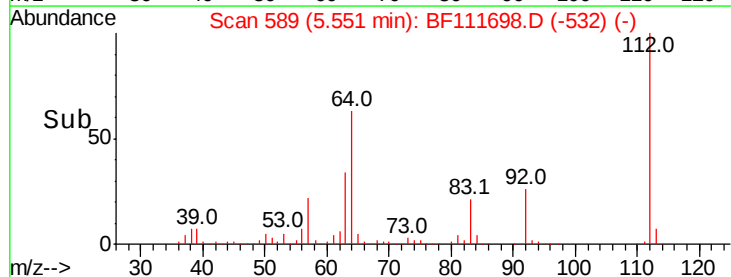
#5

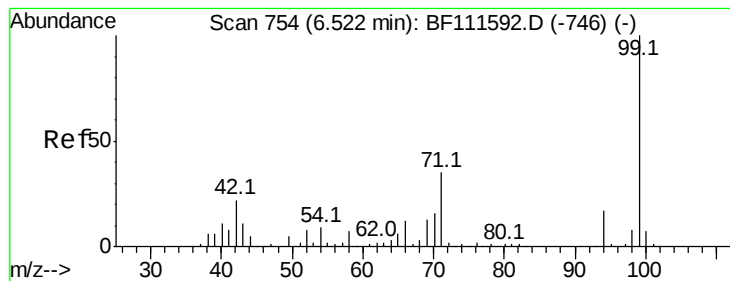
2-Fluorophenol
Concen: 122.071 ng
RT: 5.55 min Scan# 589
Delta R.T. 0.04 min
Lab File: BF111698.D
Acq: 21 Dec 2018 20:14

Tgt Ion:112 Resp: 1092749
Ion Ratio Lower Upper
112 100
64 62.8 51.8 77.6
63 34.0 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: 107.919 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111698.D

Acq: 21 Dec 2018 20:14

Instrument :

BNA_F

ClientSampleId :

BU-01-122018

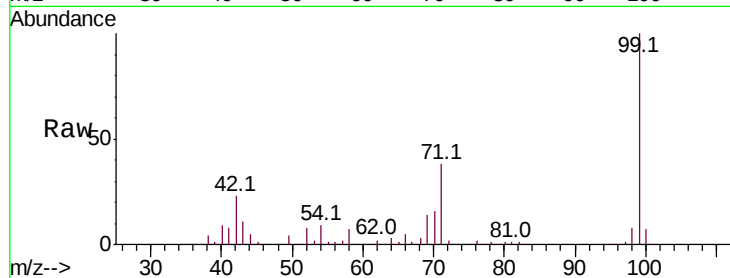
Tot Ion: 99 Resp: 1229457

Ion Ratio Lower Upper

99 100

42 22.8 17.4 26.0

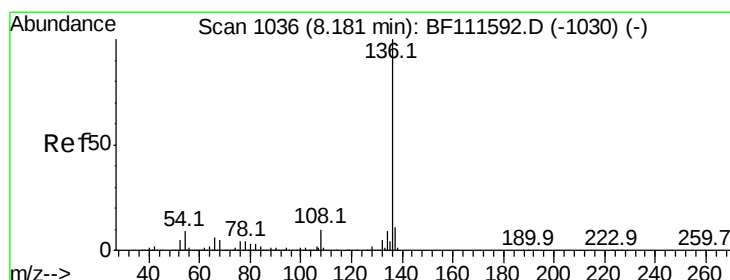
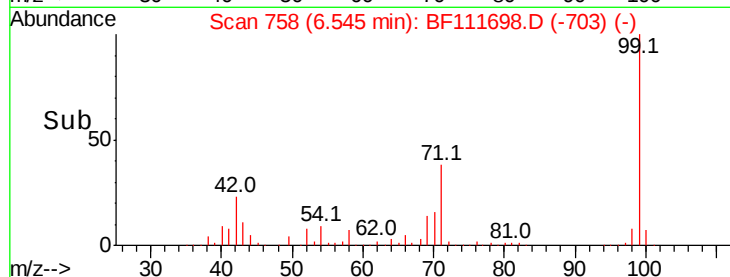
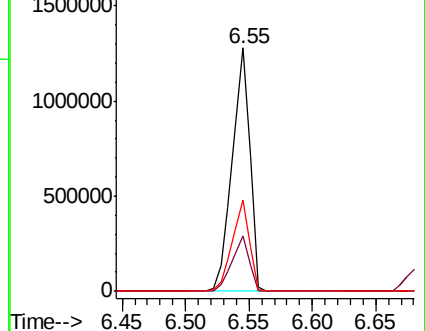
71 37.6 26.1 39.1



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: BF111698.D

Acq: 21 Dec 2018 20:14

Tgt Ion:136 Resp: 528615

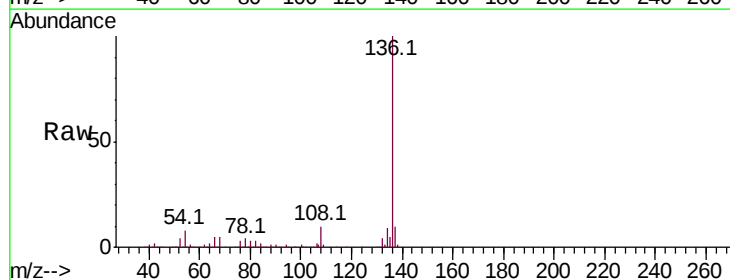
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 7.9 7.7 11.5

68 4.8 4.9 7.3#

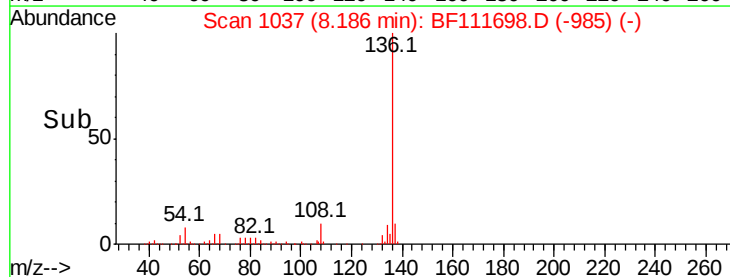
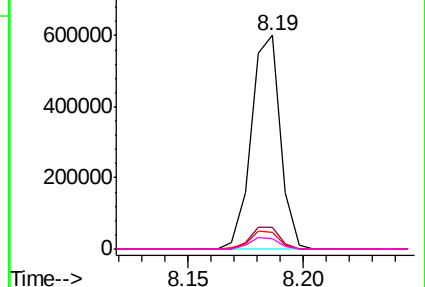


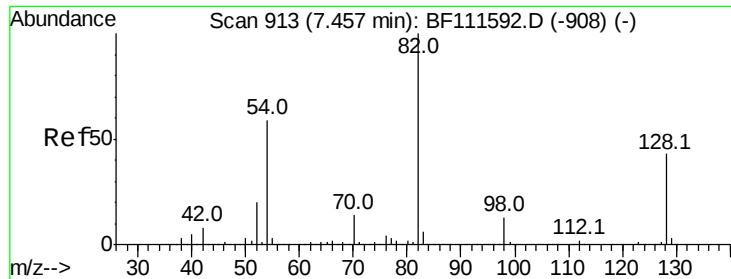
Abundance Ion 136.00 (135.70 to 136.70): E

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

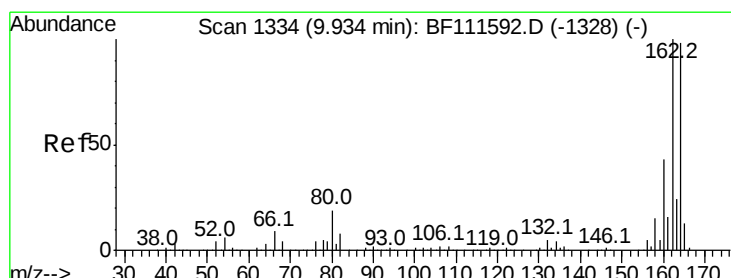
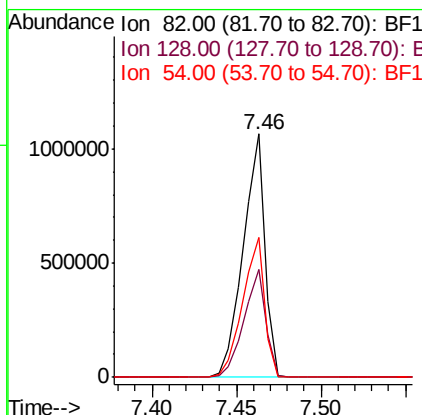
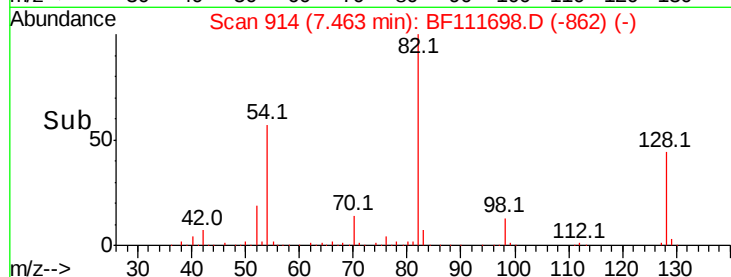
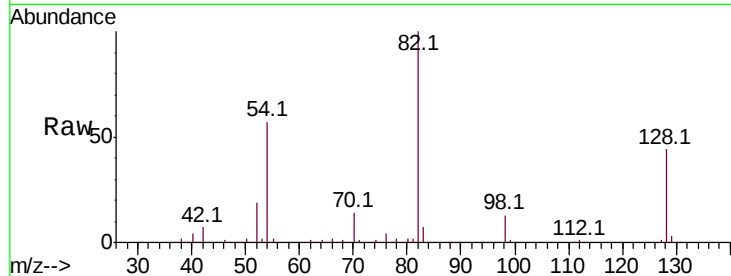




#23
 Nitrobenzene-d5
 Concen: 105.420 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111698.D
 Acq: 21 Dec 2018 20:14

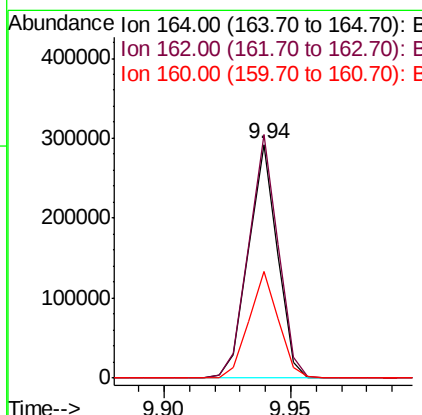
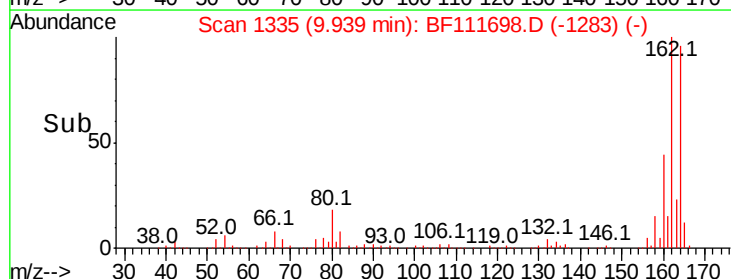
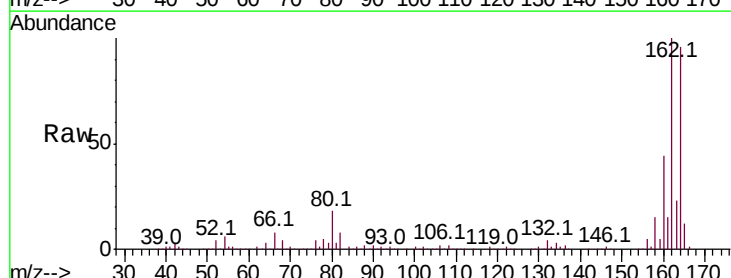
Instrument :
 BNA_F
 ClientSampleId :
 BU-01-122018

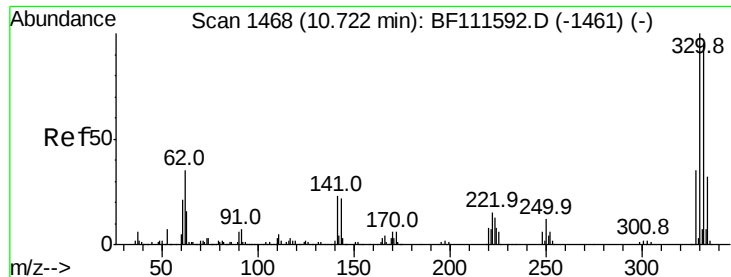
Tot Ion: 82 Resp: 957372
 Ion Ratio Lower Upper
 82 100
 128 44.1 37.4 56.2
 54 57.4 47.6 71.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111698.D
 Acq: 21 Dec 2018 20:14

Tgt Ion:164 Resp: 233308
 Ion Ratio Lower Upper
 164 100
 162 104.0 81.4 122.0
 160 45.6 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 144.674 ng

RT: 10.73 min Scan# 1470

Delta R.T. 0.01 min

Lab File: BF111698.D

Acq: 21 Dec 2018 20:14

Instrument :

BNA_F

ClientSampleId :

BU-01-122018

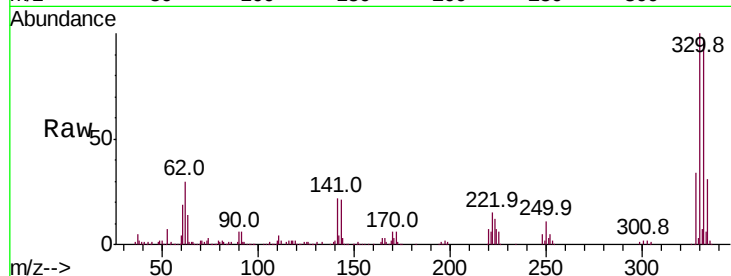
Tot Ion:330 Resp: 398824

Ion Ratio Lower Upper

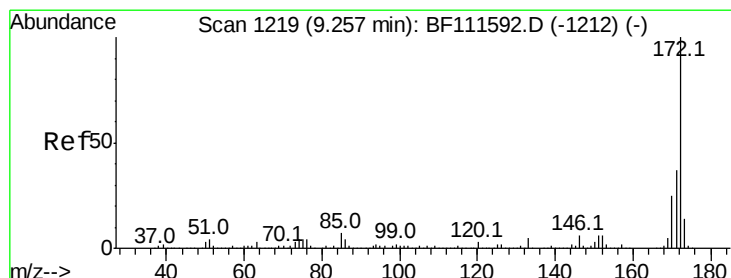
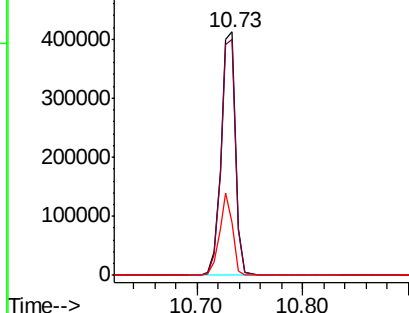
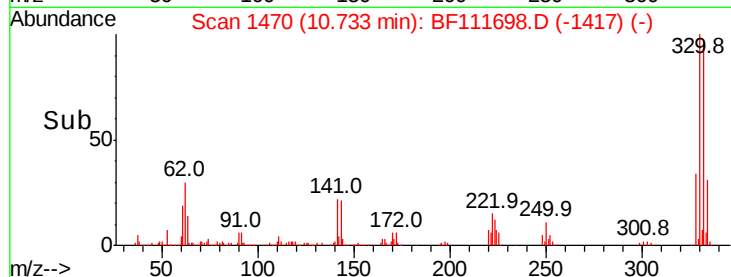
330 100

332 96.7 76.0 114.0

141 30.5 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: 105.079 ng

RT: 9.26 min Scan# 1220

Delta R.T. 0.01 min

Lab File: BF111698.D

Acq: 21 Dec 2018 20:14

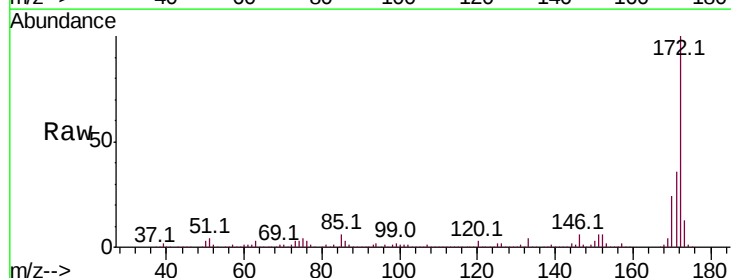
Tgt Ion:172 Resp: 1681953

Ion Ratio Lower Upper

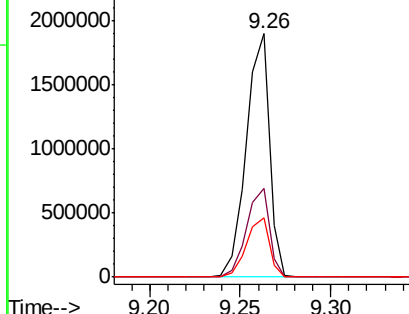
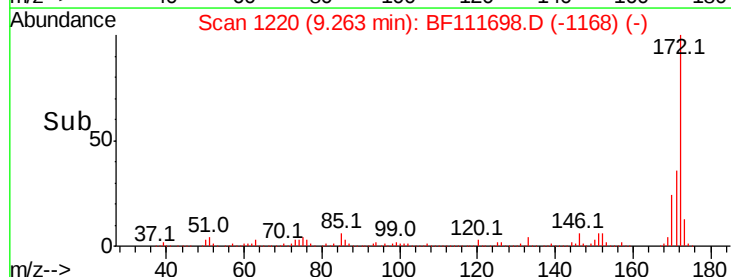
172 100

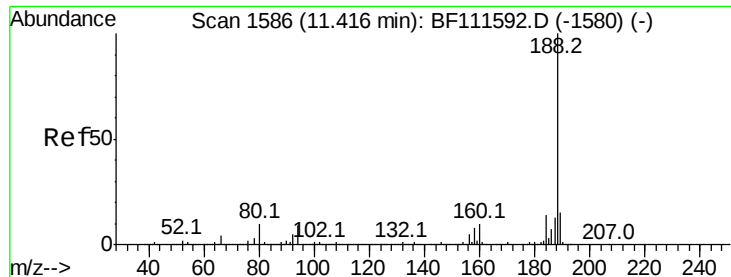
171 36.2 33.0 49.4

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

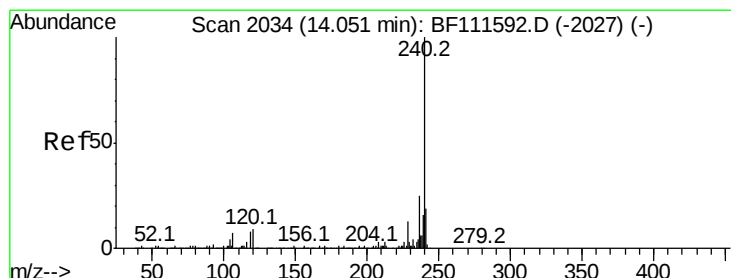
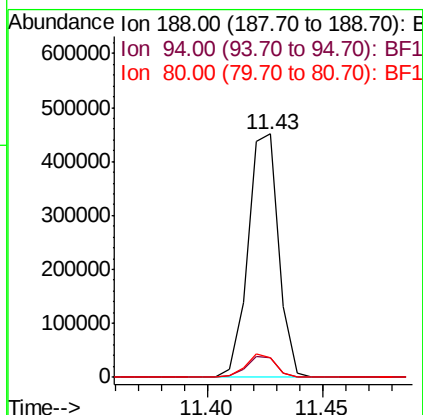
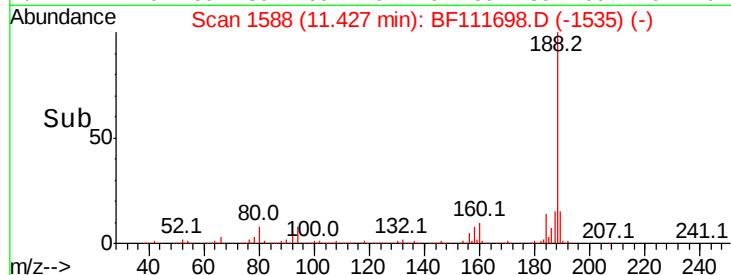
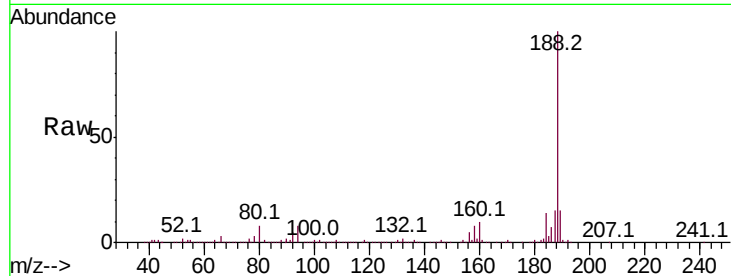




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111698.D
Acq: 21 Dec 2018 20:14

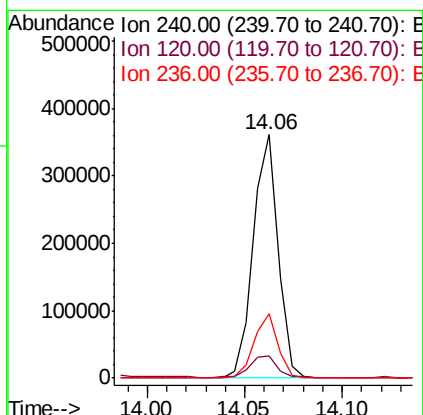
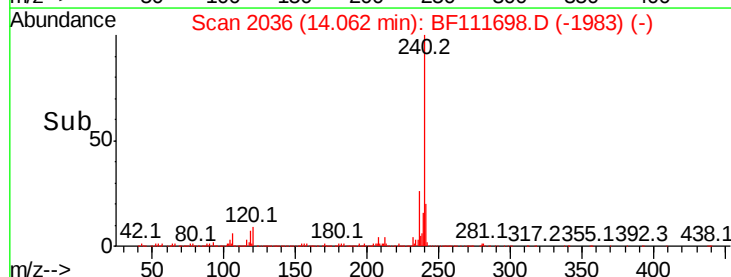
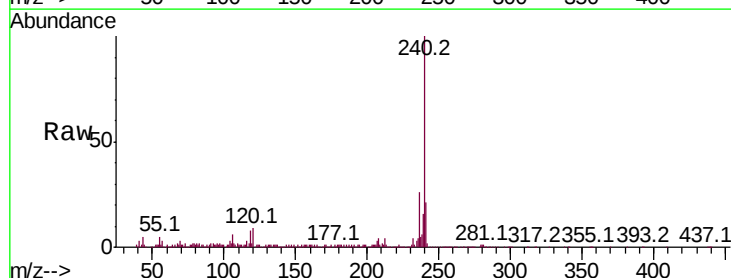
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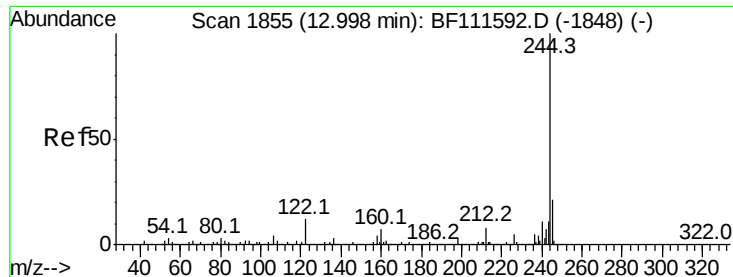
Tot Ion:188 Resp: 418230
Ion Ratio Lower Upper
188 100
94 7.9 9.6 14.4#
80 7.8 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF111698.D
Acq: 21 Dec 2018 20:14

Tgt Ion:240 Resp: 317496
Ion Ratio Lower Upper
240 100
120 9.2 12.2 18.2#
236 26.4 20.2 30.2





#79

Terphenyl-d14

Concen: 102.589 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF111698.D

Acq: 21 Dec 2018 20:14

Instrument :

BNA_F

ClientSampleId :

BU-01-122018

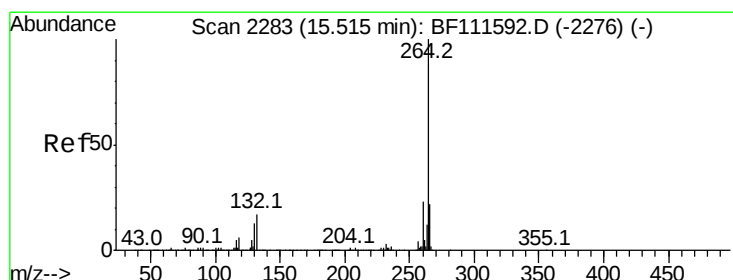
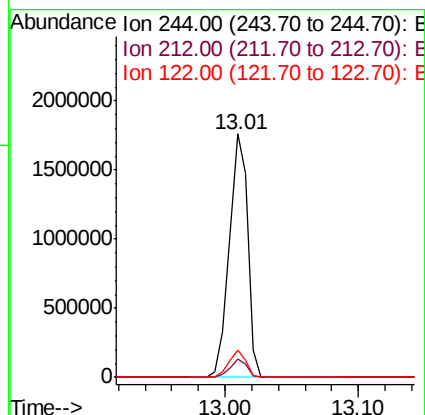
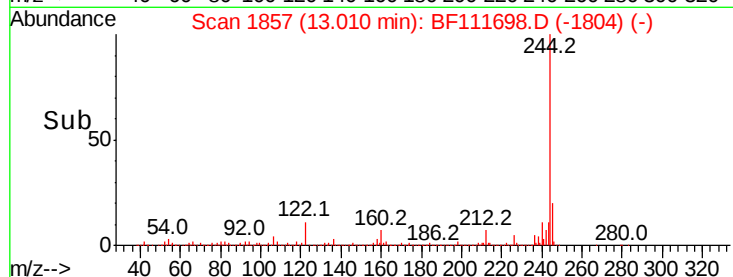
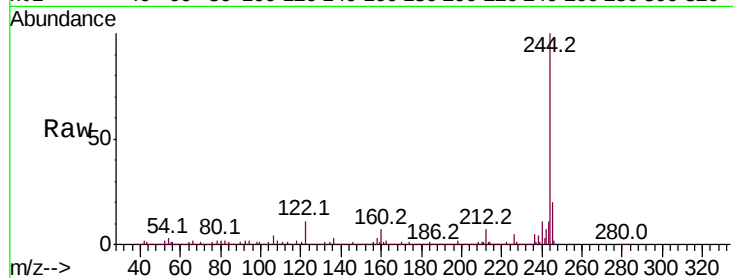
Tot Ion:244 Resp: 1717529

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 11.1 13.1 19.7#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.03 min

Lab File: BF111698.D

Acq: 21 Dec 2018 20:14

Tgt Ion:264 Resp: 244832

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 22.3 17.7 26.5

