

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121218\
 Data File : BF111329.D
 Acq On : 12 Dec 2018 18:48
 Operator : JU/SJ
 Sample : J6241-55
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-2

Quant Time: Dec 13 03:19:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

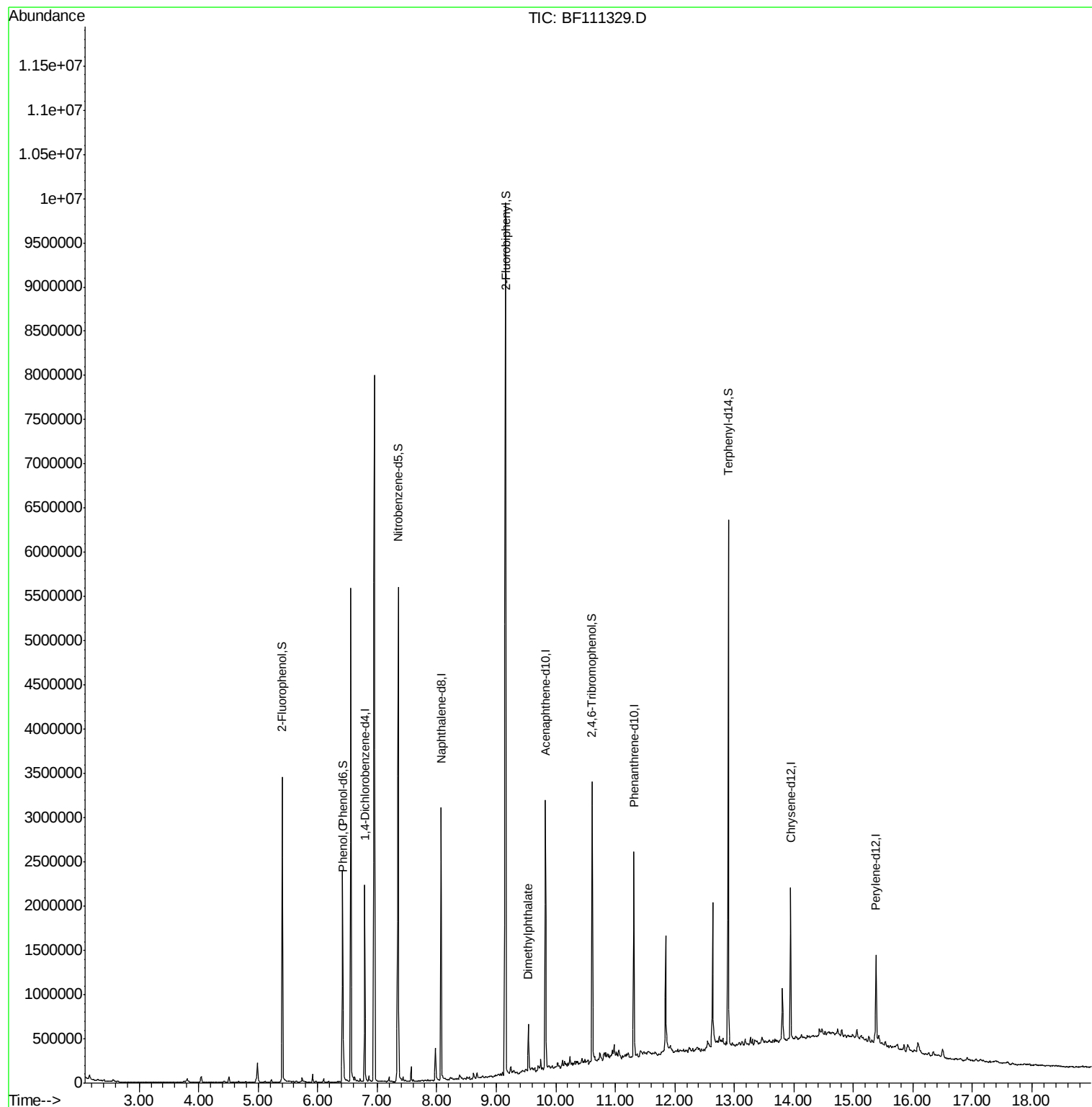
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	326519	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1321235	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	560934	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	775122	20.00	ng	0.00
76) Chrysene-d12	13.94	240	547298	20.00	ng	-0.01
87) Perylene-d12	15.38	264	456612	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	920287	47.66	ng	0.00
7) Phenol-d6	6.42	99	749104	28.77	ng	-0.02
23) Nitrobenzene-d5	7.36	82	2068139	88.23	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	352500	71.29	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3305453	94.61	ng	0.00
79) Terphenyl-d14	12.90	244	2011551	80.89	ng	0.00
Target Compounds						
10) Phenol	6.43	94	128674	4.363	ng	Qvalue 97
50) Dimethylphthalate	9.54	163	145437	3.606	ng	# 96

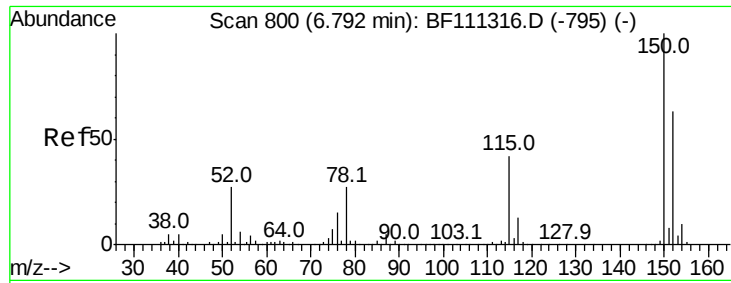
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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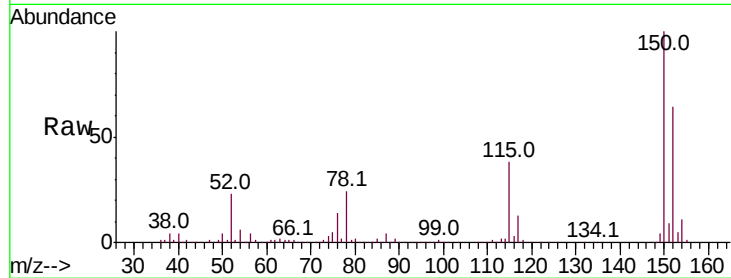


#1

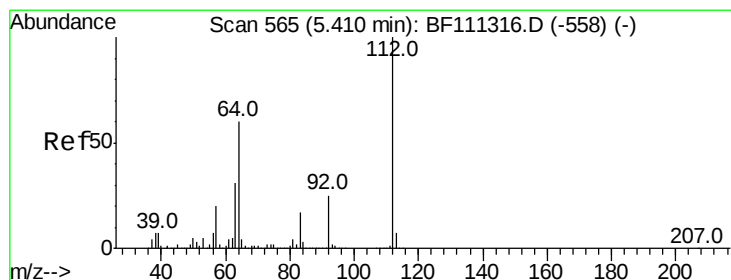
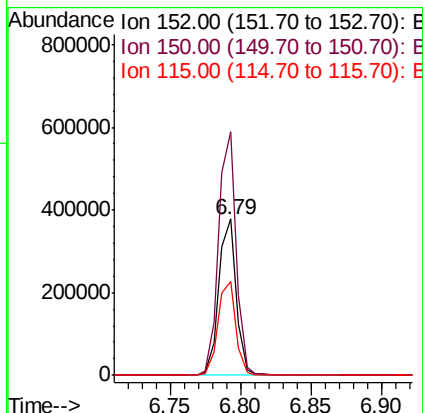
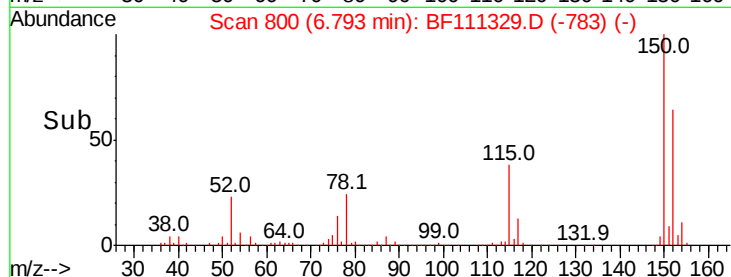
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tot Ion:152 Resp: 326519
Ion Ratio Lower Upper
152 100
150 155.6 126.6 189.8
115 59.6 50.7 76.1



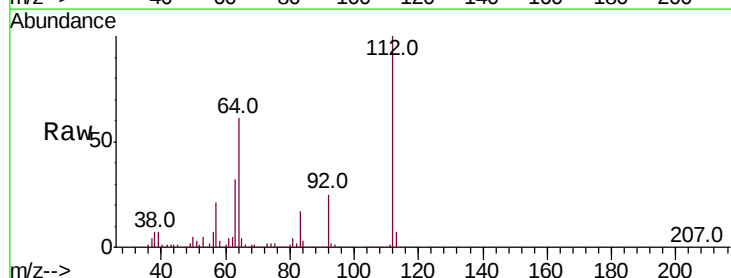
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



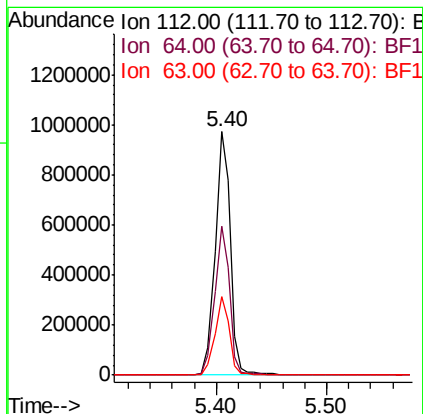
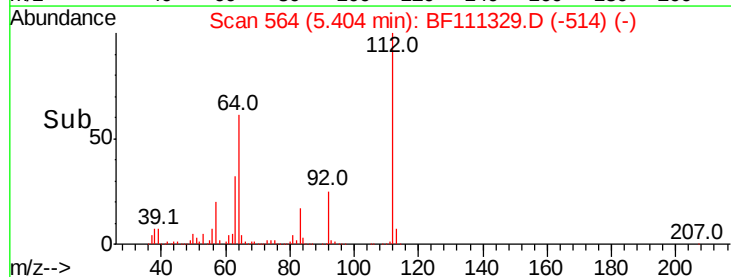
#5

2-Fluorophenol
Concen: 47.661 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:112 Resp: 920287
Ion Ratio Lower Upper
112 100
64 61.4 51.8 77.6
63 32.0 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: 28.775 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF111329.D

Acq: 12 Dec 2018 18:48

Instrument :

BNA_F

ClientSampled :

TW-2

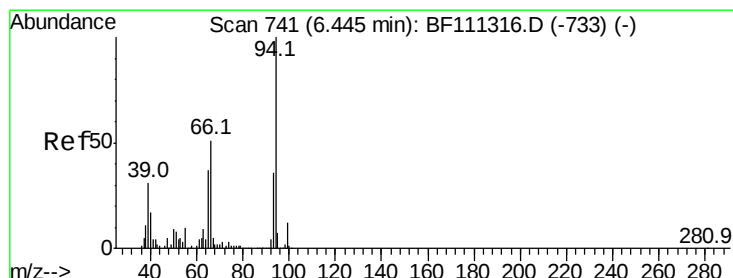
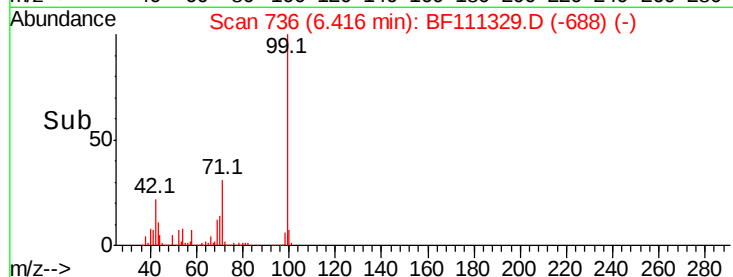
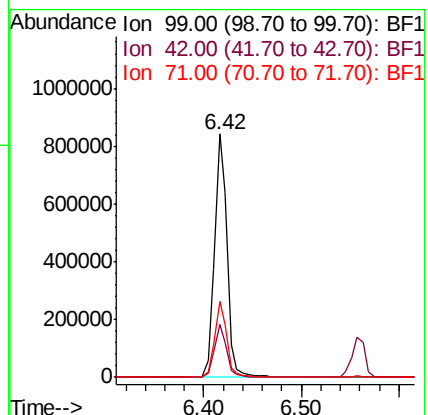
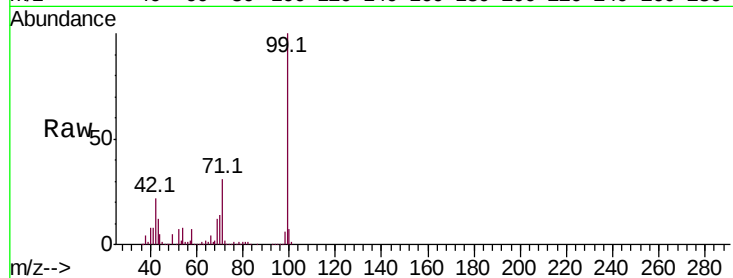
Tot Ion: 99 Resp: 749104

Ion Ratio Lower Upper

99 100

42 21.9 17.4 26.0

71 31.3 26.1 39.1



#10

Phenol

Concen: 4.363 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF111329.D

Acq: 12 Dec 2018 18:48

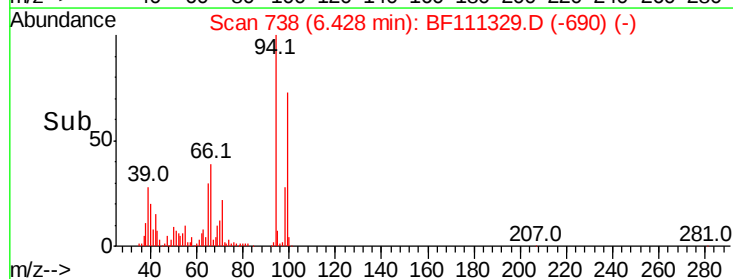
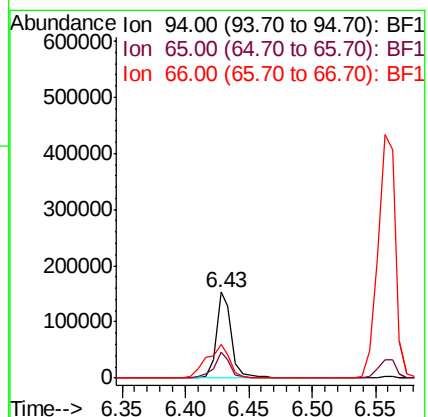
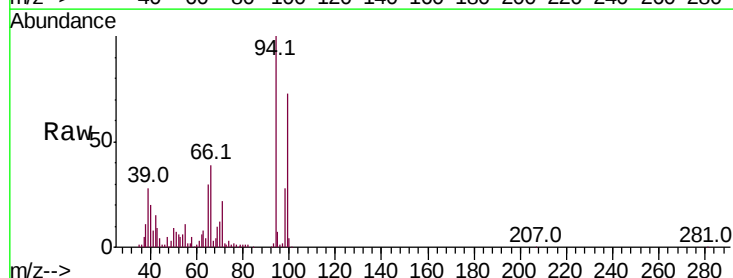
Tgt Ion: 94 Resp: 128674

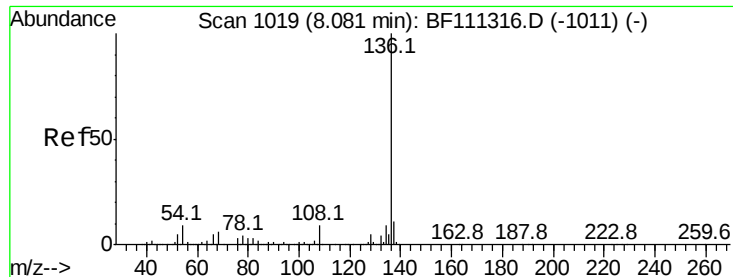
Ion Ratio Lower Upper

94 100

65 30.1 11.7 51.7

66 39.2 21.0 61.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111329.D

Acq: 12 Dec 2018 18:48

Instrument :

BNA_F

ClientSampleId :

TW-2

Tot Ion:136 Resp: 1321235

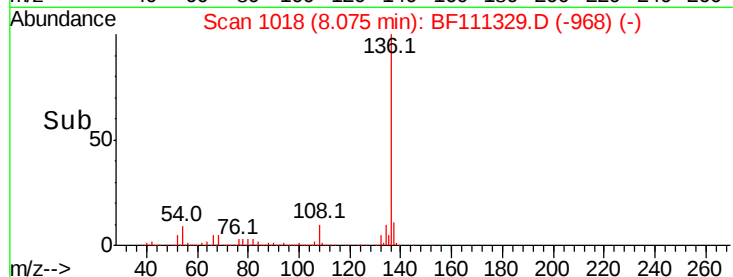
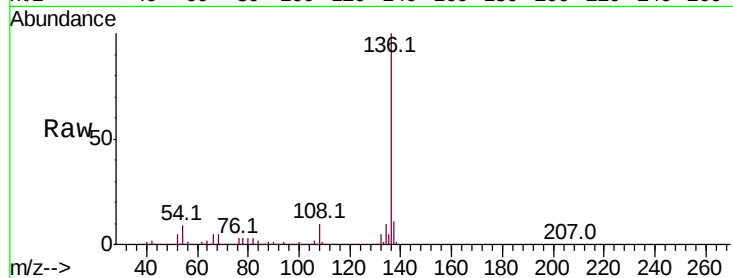
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.1 7.7 11.5

68 5.4 4.9 7.3

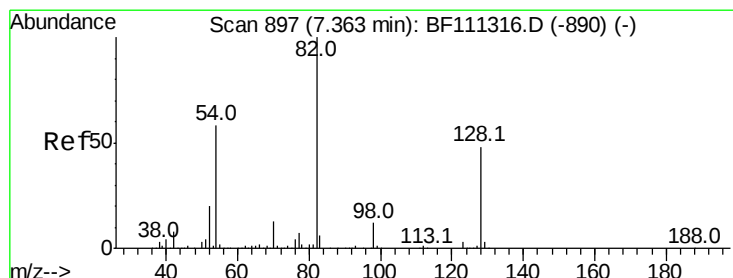
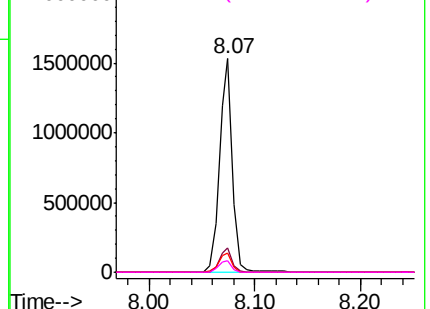


Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.226 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF111329.D

Acq: 12 Dec 2018 18:48

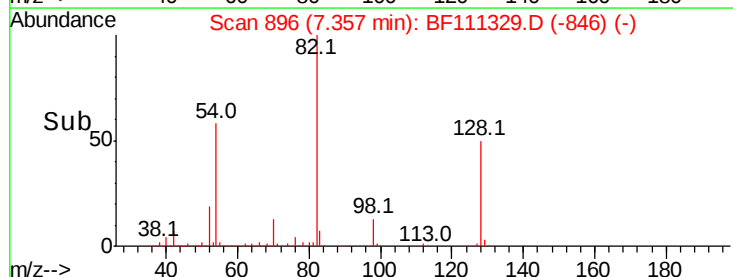
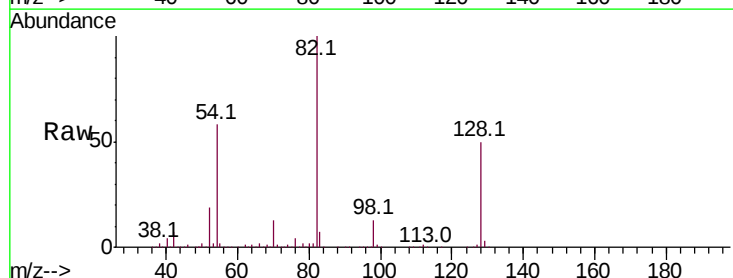
Tgt Ion: 82 Resp: 2068139

Ion Ratio Lower Upper

82 100

128 49.9 37.4 56.2

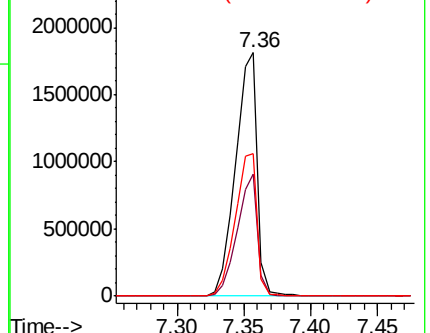
54 58.3 47.6 71.4

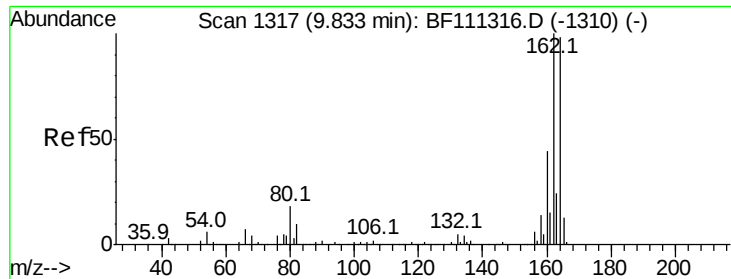


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

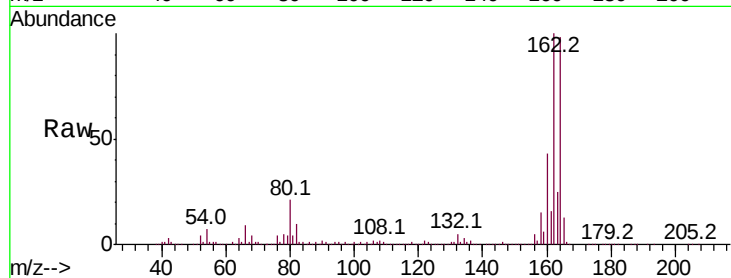




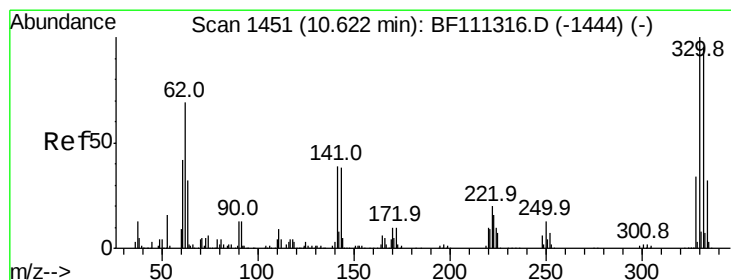
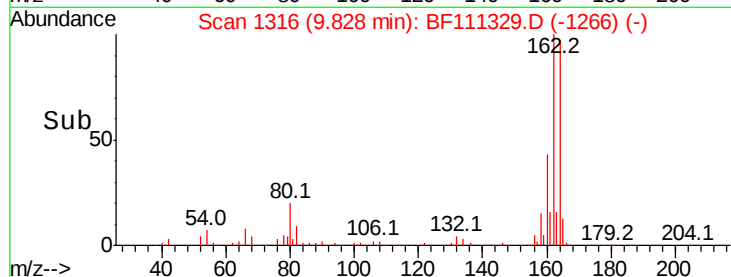
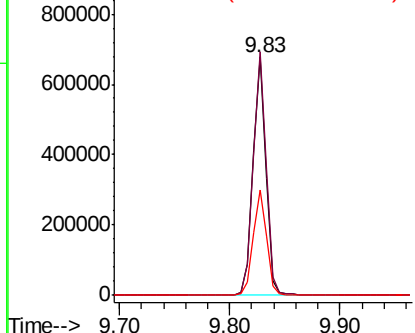
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tot Ion:164 Resp: 560934
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 44.5 35.7 53.5

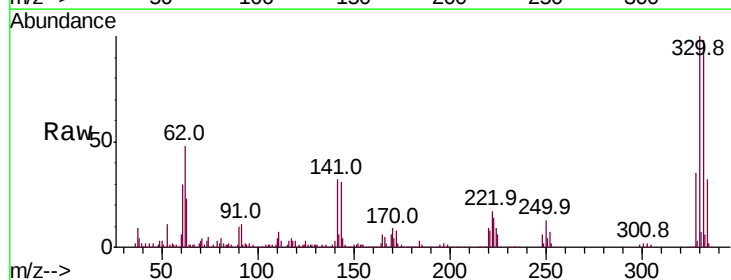


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

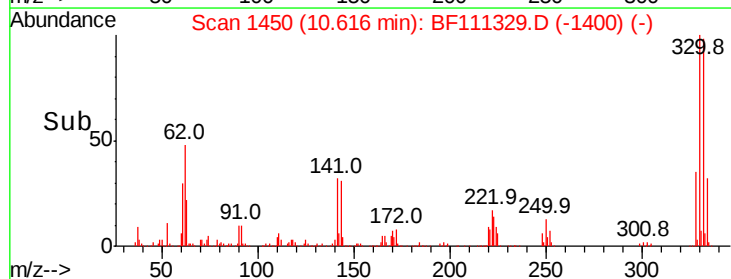
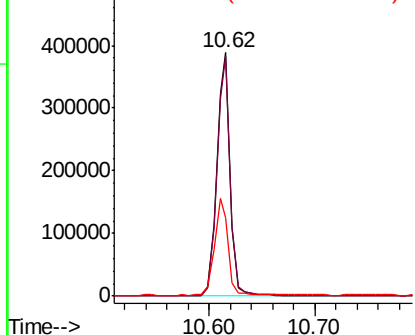


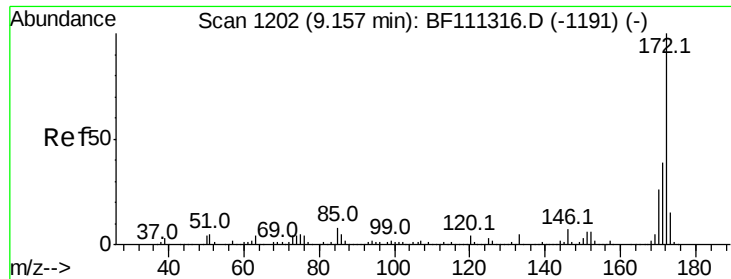
#42
2,4,6-Tribromophenol
Concen: 71.288 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:330 Resp: 352500
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 40.0 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

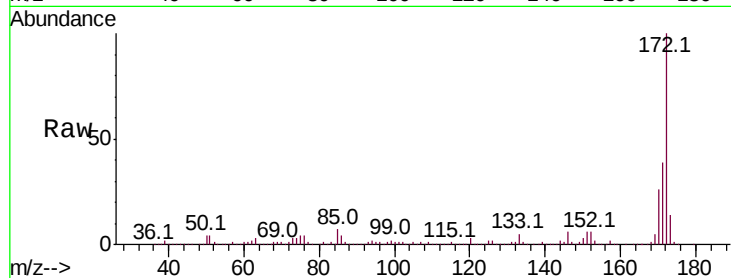




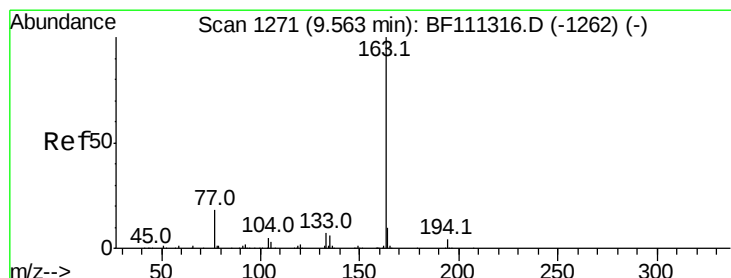
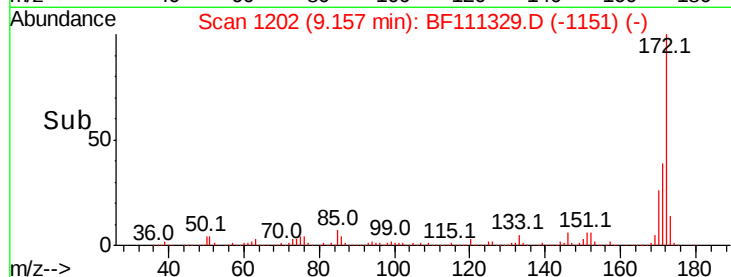
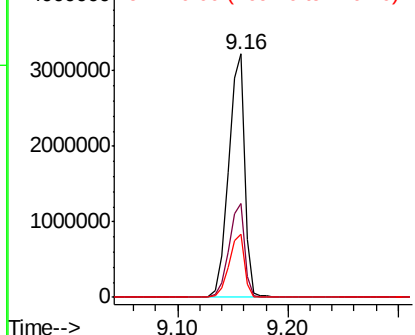
#45
2-Fluorobiphenyl
Concen: 94.608 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Instrument :
BNA_F
ClientSampleId :
TW-2

Tot Ion:172 Resp: 3305453
Ion Ratio Lower Upper
172 100
171 38.7 33.0 49.4
170 26.0 22.3 33.5

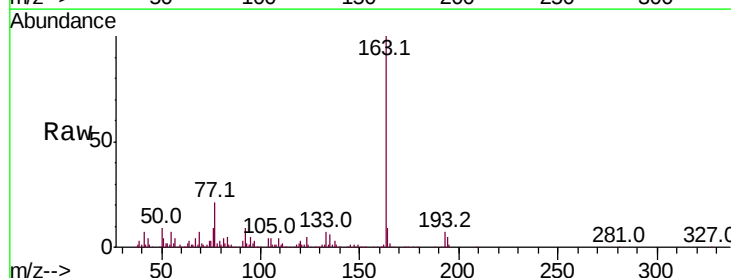


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

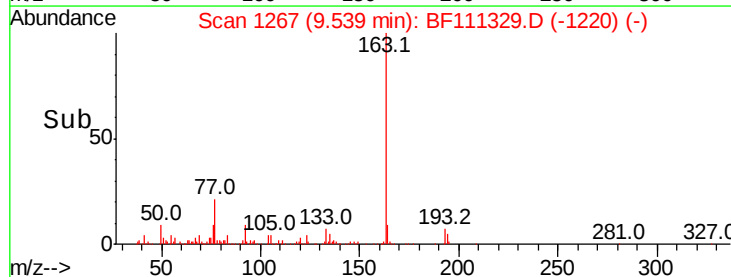
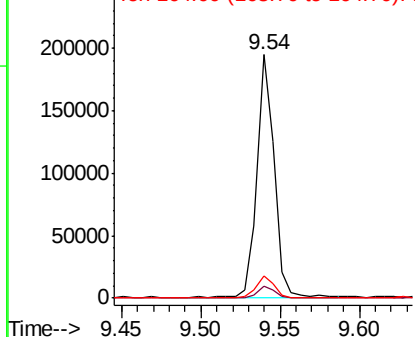


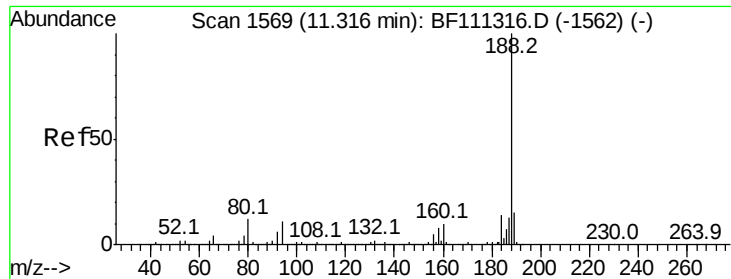
#50
Dimethylphthalate
Concen: 3.606 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111329.D
Acq: 12 Dec 2018 18:48

Tgt Ion:163 Resp: 145437
Ion Ratio Lower Upper
163 100
194 4.8 3.0 4.6#
164 9.3 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: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF111329.D

Acq: 12 Dec 2018 18:48

Instrument :

BNA_F

ClientSampleId :

TW-2

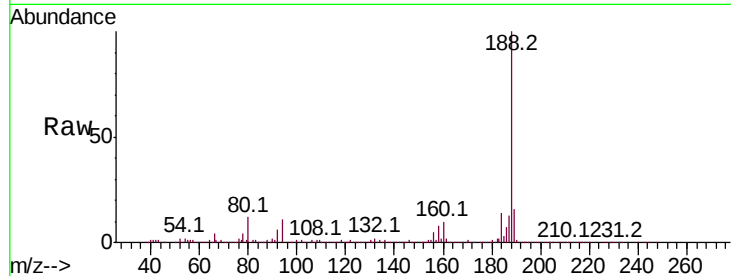
Tot Ion:188 Resp: 775122

Ion Ratio Lower Upper

188 100

94 11.1 9.6 14.4

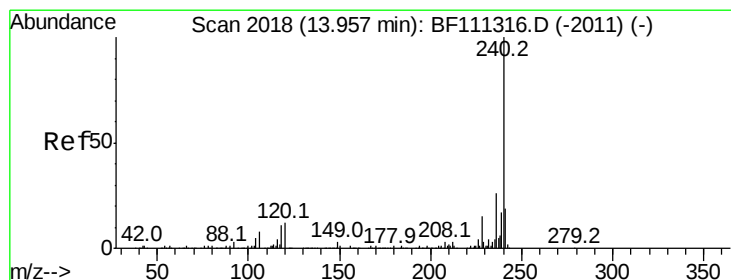
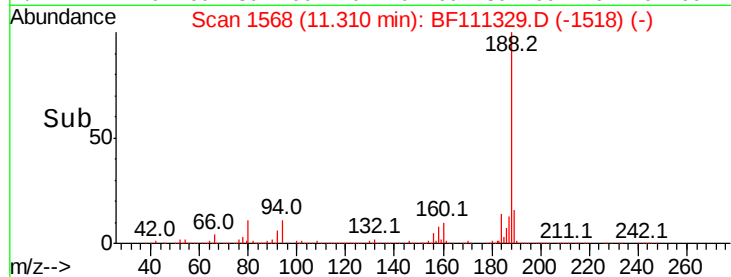
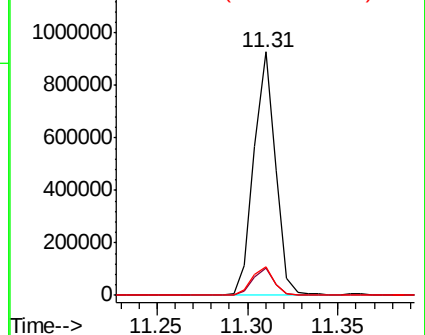
80 11.6 9.8 14.6



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

Chrysene-d12

Concen: 20.000 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF111329.D

Acq: 12 Dec 2018 18:48

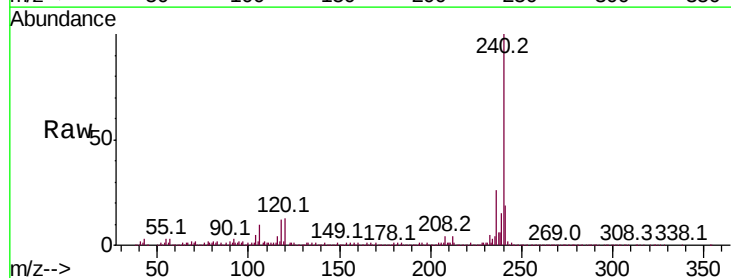
Tgt Ion:240 Resp: 547298

Ion Ratio Lower Upper

240 100

120 13.2 12.2 18.2

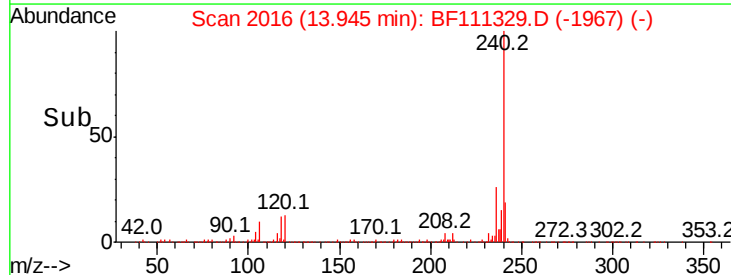
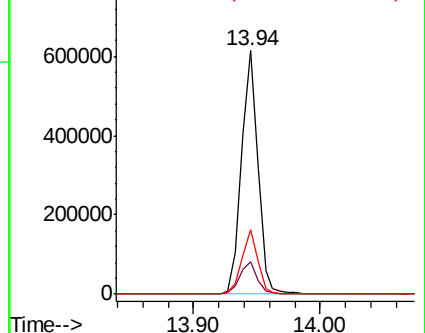
236 26.4 20.2 30.2

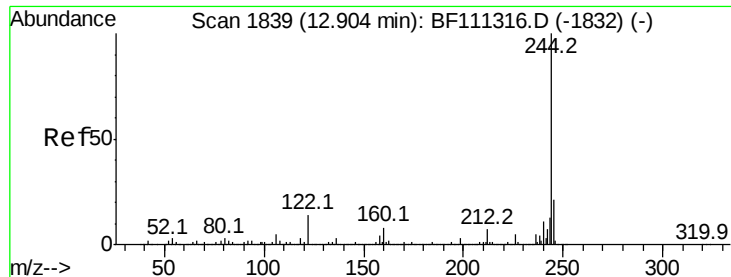


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.894 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF111329.D

Acq: 12 Dec 2018 18:48

Instrument :

BNA_F

ClientSampled :

TW-2

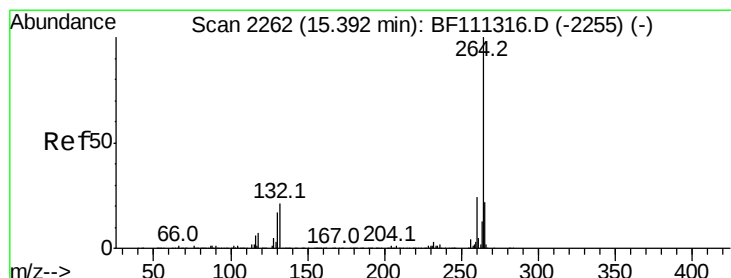
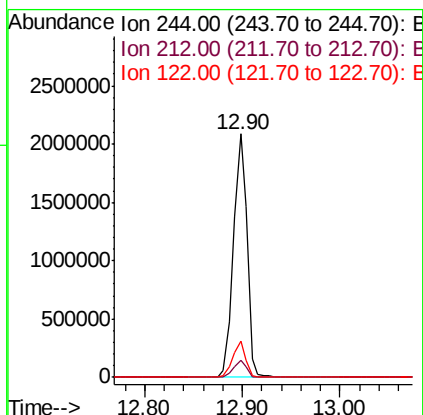
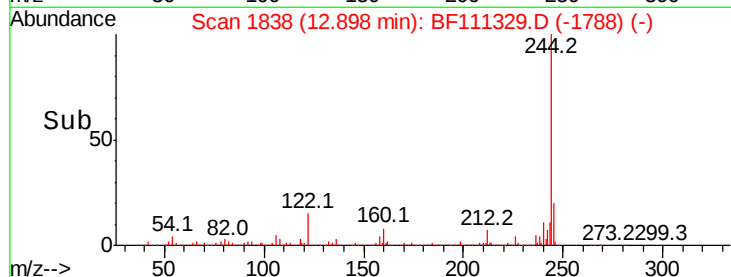
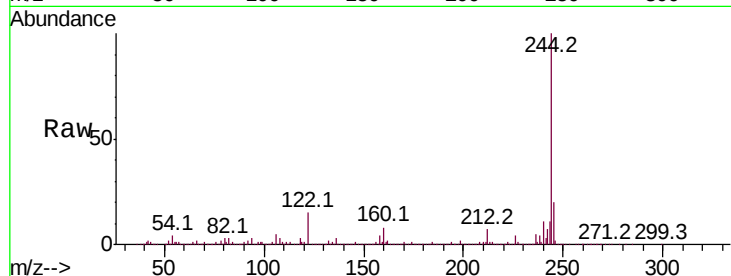
Tot Ion:244 Resp: 2011551

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 14.7 13.1 19.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111329.D

Acq: 12 Dec 2018 18:48

Tgt Ion:264 Resp: 456612

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 20.7 17.7 26.5

