

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
 Data File : BF111189.D
 Acq On : 7 Dec 2018 16:16
 Operator : JU/SJ
 Sample : PB115343BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB115343BL

Quant Time: Dec 07 16:57:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 07 16:40:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	431436	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1737552	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	821613	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1443600	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1024458	20.00	ng	0.00
87) Perylene-d12	15.40	264	730400	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	2677831	96.85	ng	0.02
7) Phenol-d6	6.43	99	3432146	96.37	ng	0.00
23) Nitrobenzene-d5	7.36	82	2226721	75.87	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	712267	109.06	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	3730601	83.86	ng	0.00
79) Terphenyl-d14	12.91	244	3288349	65.74	ng	0.00

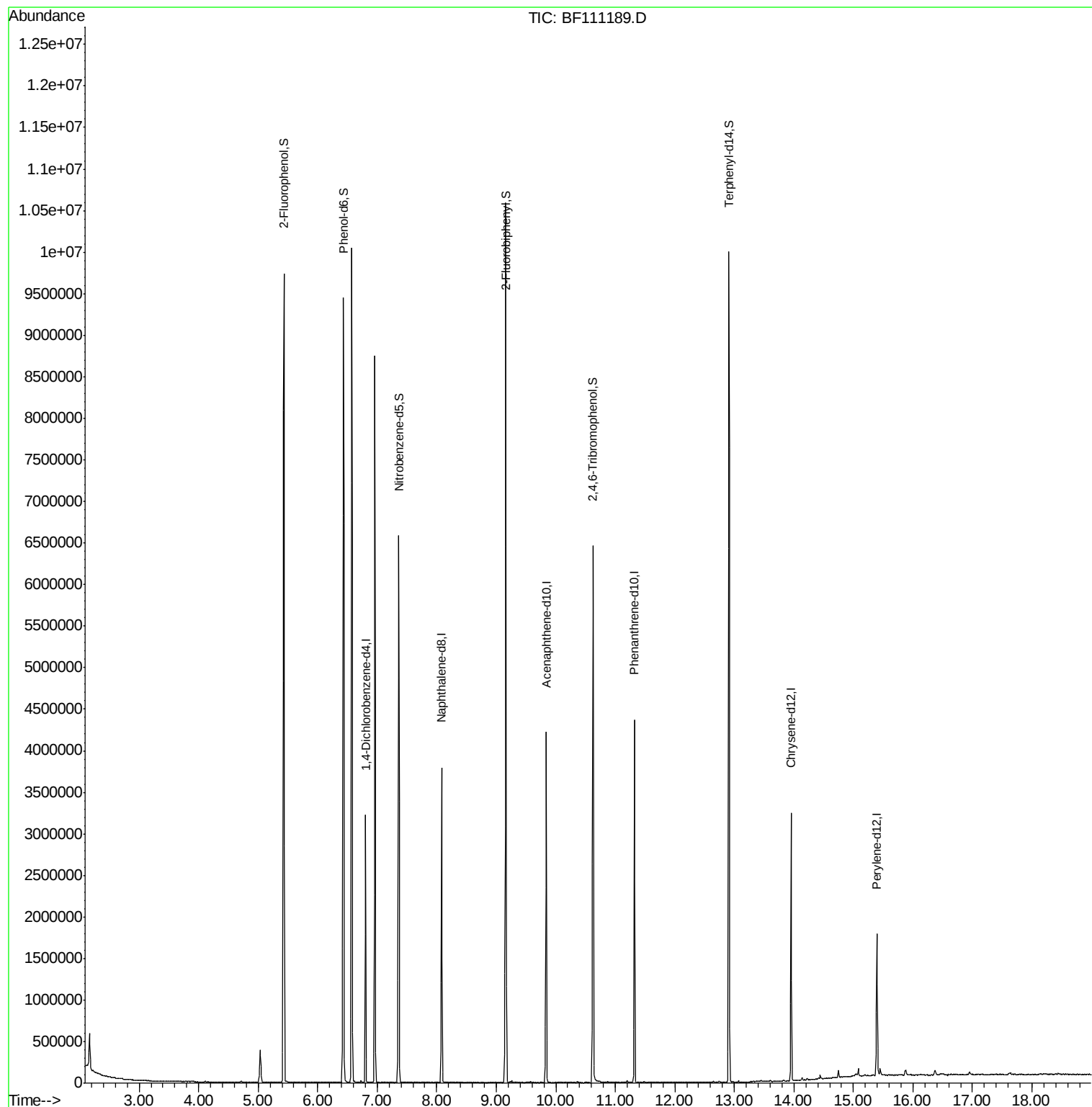
Target Compounds Qvalue

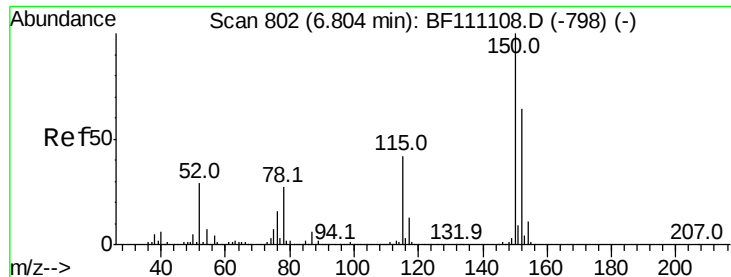
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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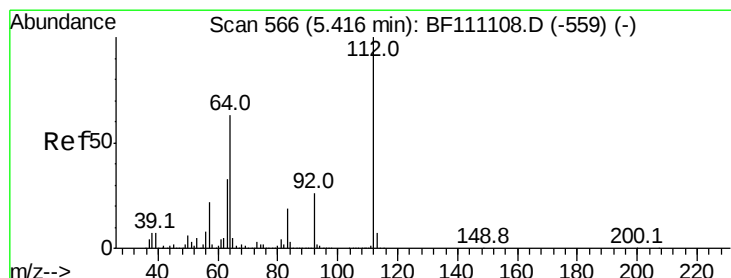
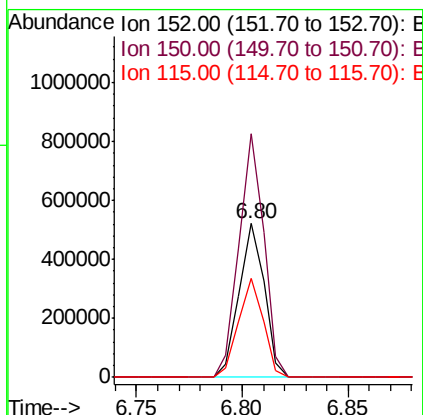
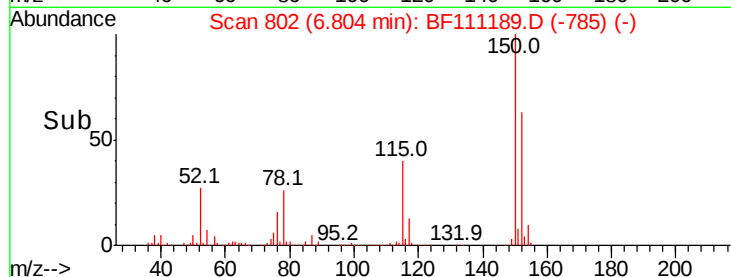
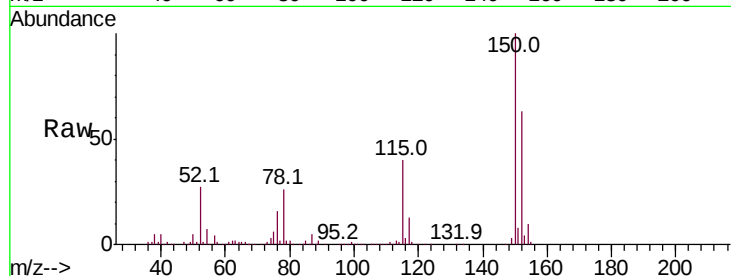


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF111189.D
Acq: 7 Dec 2018 16:16

Instrument :
BNA_F
ClientSampleId :
PB115343BL

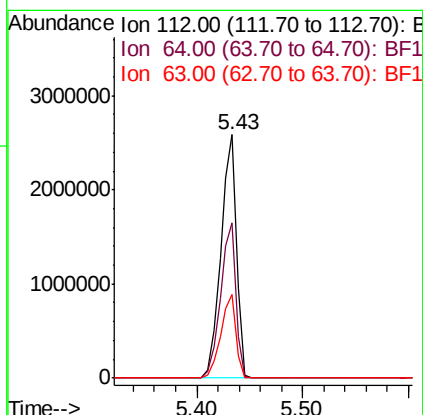
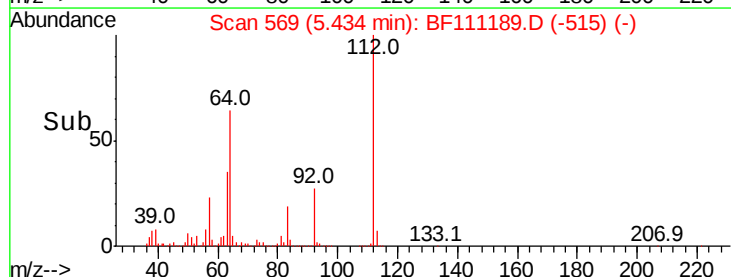
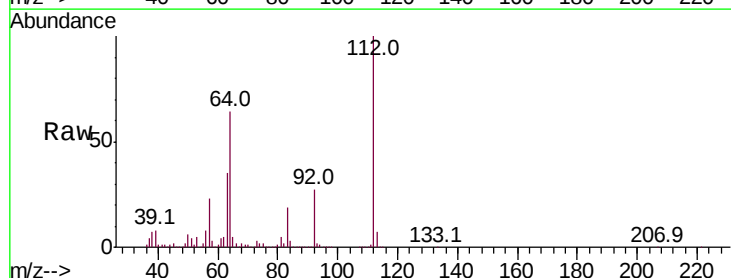
Tot Ion:152 Resp: 431436
Ion Ratio Lower Upper
152 100
150 158.2 124.6 187.0
115 64.0 52.2 78.2

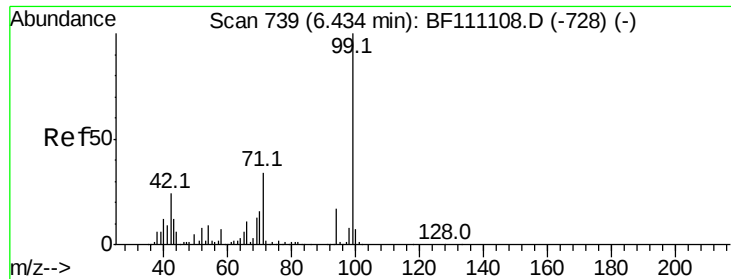


#5

2-Fluorophenol
Concen: 96.854 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF111189.D
Acq: 7 Dec 2018 16:16

Tgt Ion:112 Resp: 2677831
Ion Ratio Lower Upper
112 100
64 63.9 50.2 75.4
63 34.6 26.6 39.8





#7

Phenol-d6

Concen: 96.367 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111189.D

Acq: 7 Dec 2018 16:16

Instrument :

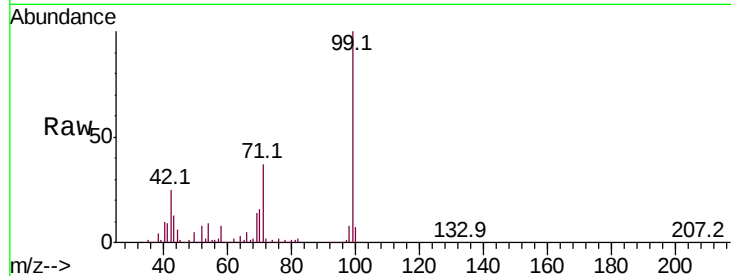
BNA_F

ClientSampleId :

PB115343BL

Tot Ion: 99 Resp: 3432146

Ion	Ratio	Lower	Upper
99	100		
42	24.8	19.3	28.9
71	36.6	27.4	41.2

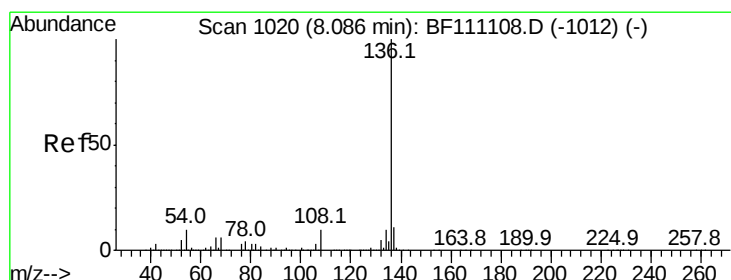
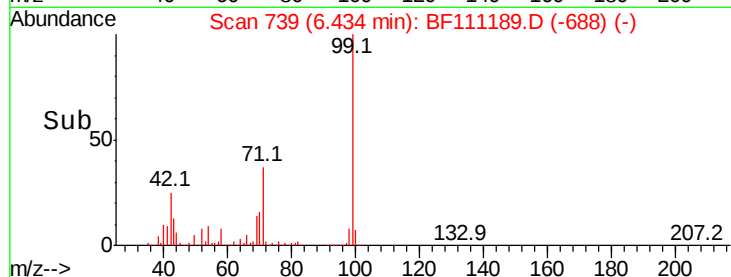
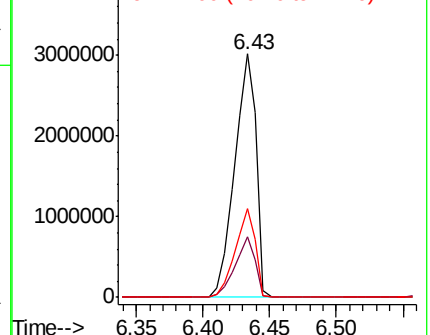


Abundance

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: 8.09 min Scan# 1020

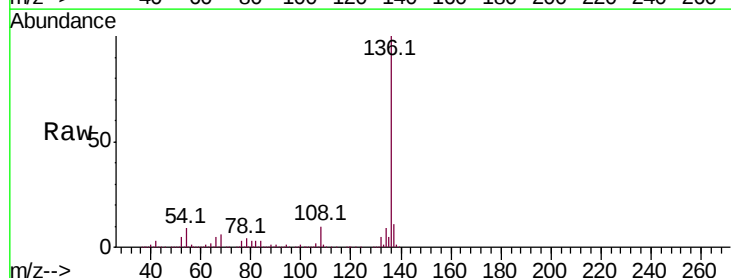
Delta R.T. -0.00 min

Lab File: BF111189.D

Acq: 7 Dec 2018 16:16

Tgt Ion: 136 Resp: 1737552

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	9.5	8.4	12.6
68	5.8	5.0	7.4



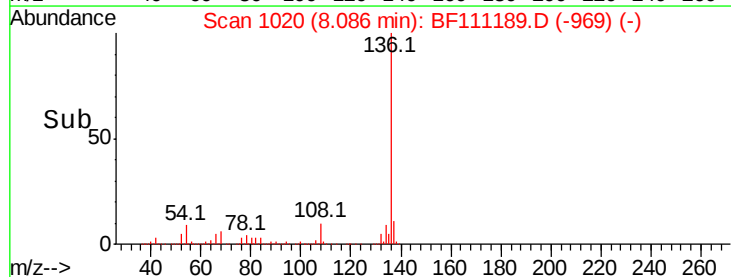
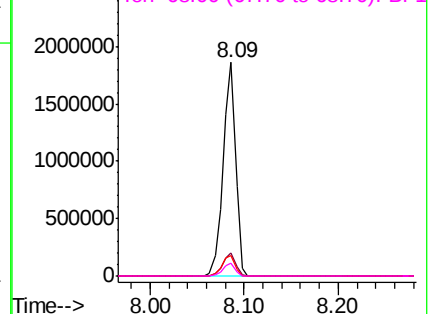
Abundance

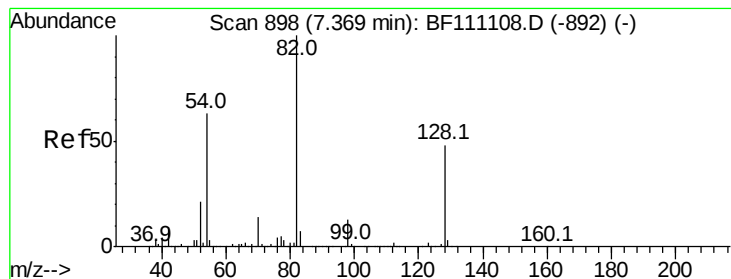
Ion 136.00 (135.70 to 136.70): E

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: 75.871 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF111189.D

Acq: 7 Dec 2018 16:16

Instrument :

BNA_F

ClientSampleId :

PB115343BL

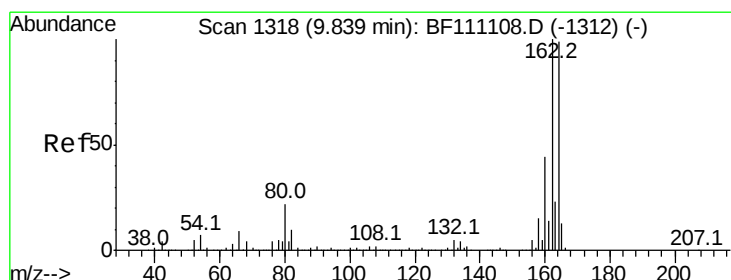
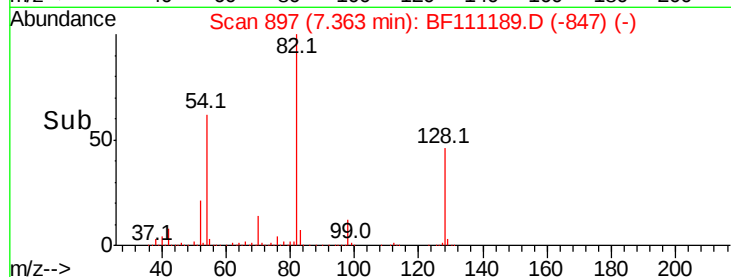
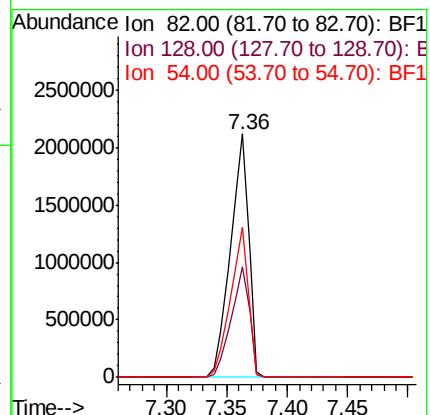
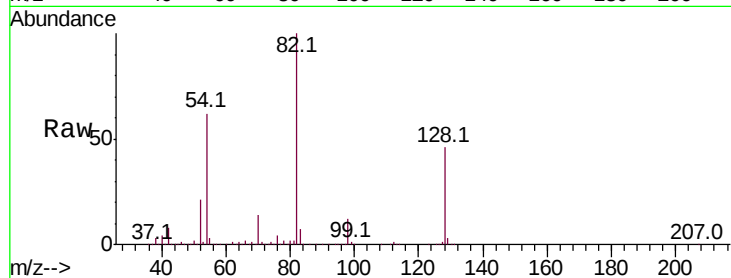
Tot Ion: 82 Resp: 2226721

Ion Ratio Lower Upper

82 100

128 45.6 38.1 57.1

54 61.6 50.3 75.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF111189.D

Acq: 7 Dec 2018 16:16

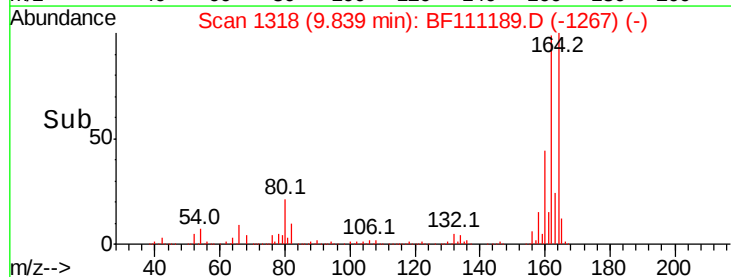
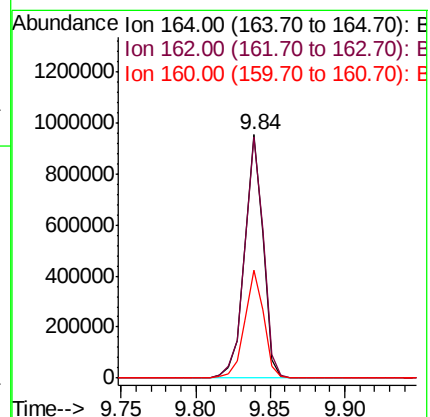
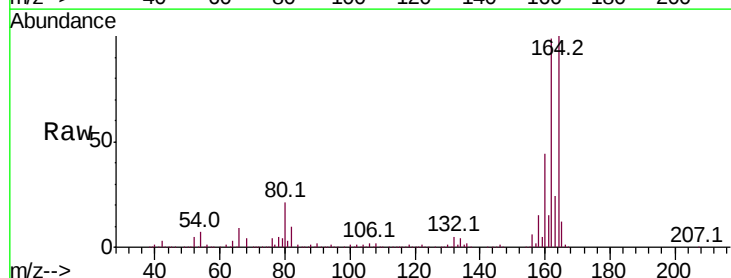
Tgt Ion:164 Resp: 821613

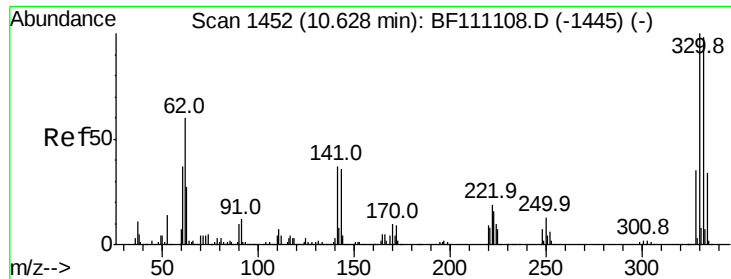
Ion Ratio Lower Upper

164 100

162 99.1 80.6 120.8

160 44.4 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 109.061 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111189.D

Acq: 7 Dec 2018 16:16

Instrument :

BNA_F

ClientSampleId :

PB115343BL

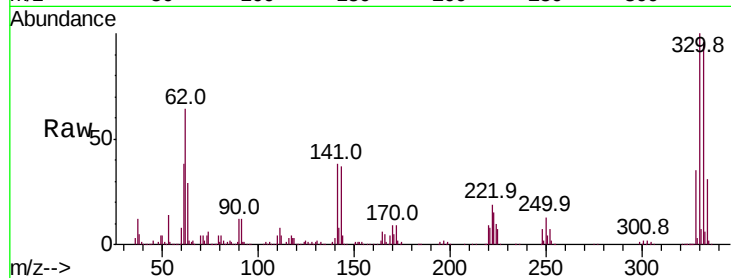
Tot Ion:330 Resp: 712267

Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

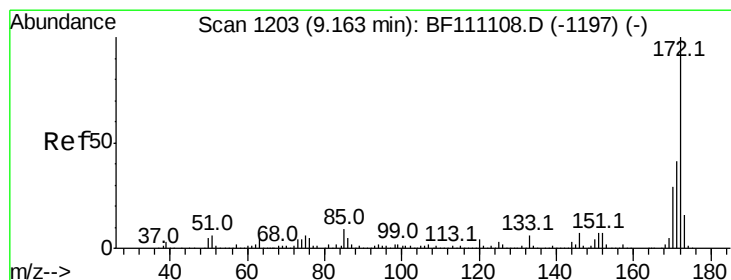
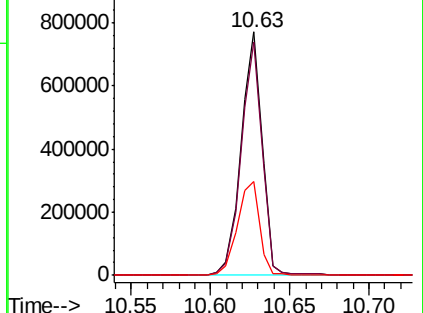
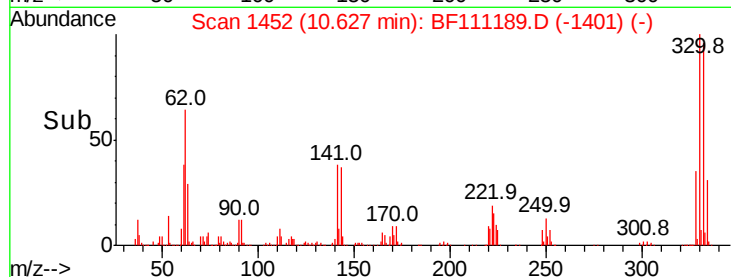
141 41.1 36.1 54.1



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: 83.856 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111189.D

Acq: 7 Dec 2018 16:16

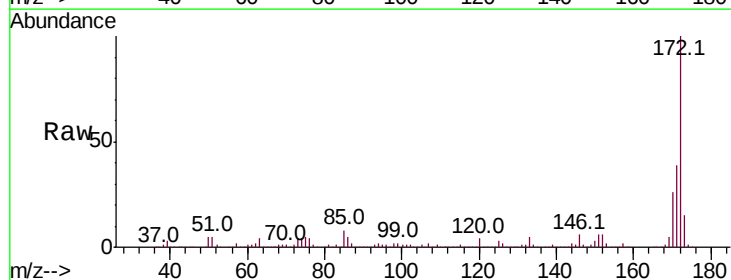
Tgt Ion:172 Resp: 3730601

Ion Ratio Lower Upper

172 100

171 38.9 33.2 49.8

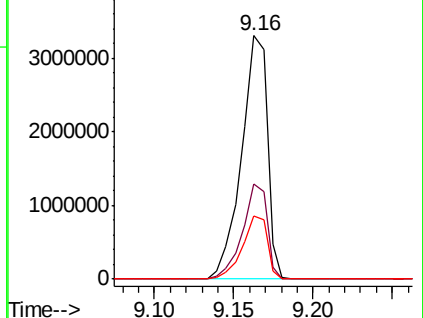
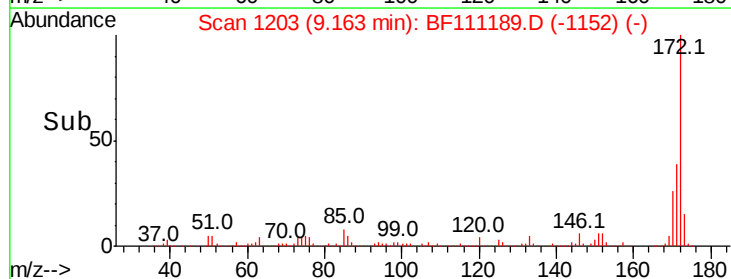
170 25.7 22.9 34.3

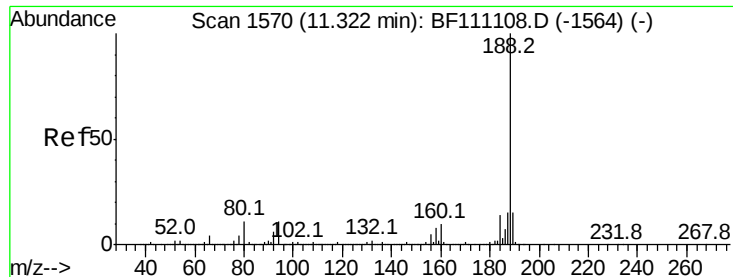


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111189.D

Acq: 7 Dec 2018 16:16

Instrument :

BNA_F

ClientSampleId :

PB115343BL

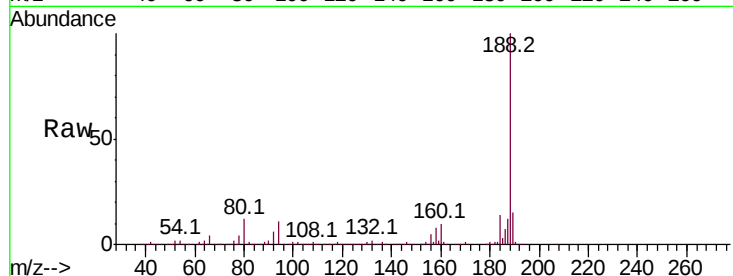
Tot Ion:188 Resp: 1443600

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

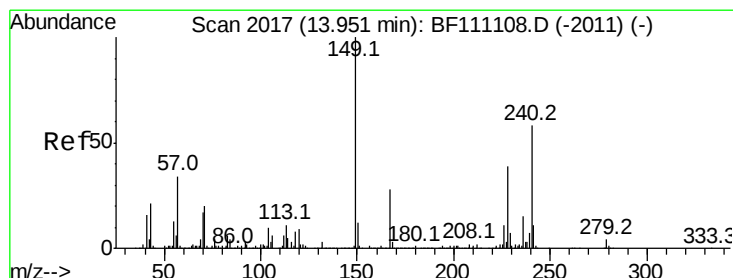
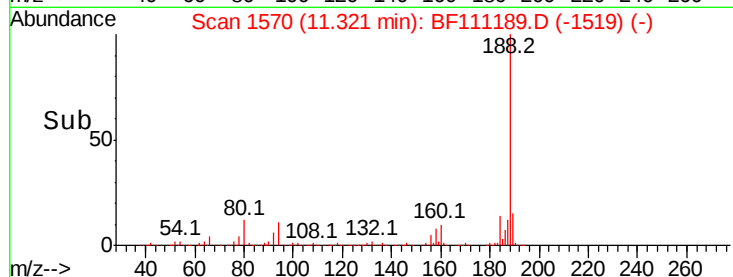
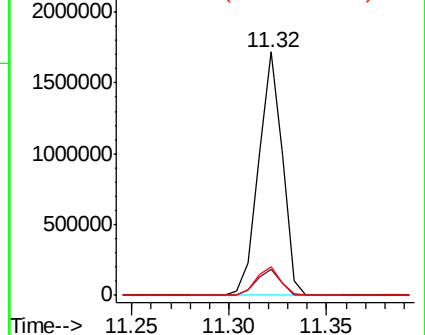
80 11.8 9.0 13.6



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: 13.96 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF111189.D

Acq: 7 Dec 2018 16:16

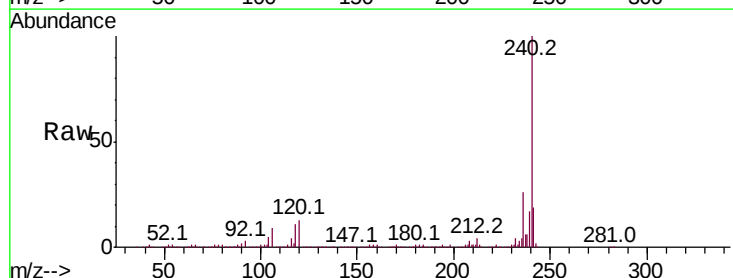
Tgt Ion:240 Resp: 1024458

Ion Ratio Lower Upper

240 100

120 12.6 12.8 19.2#

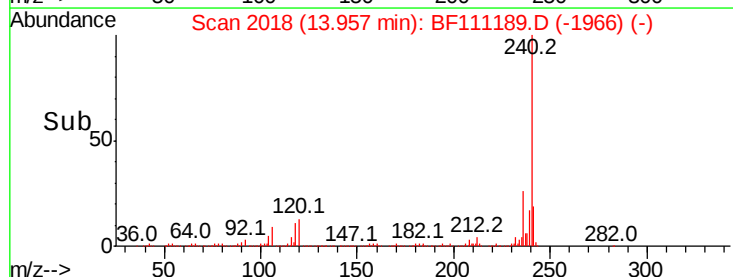
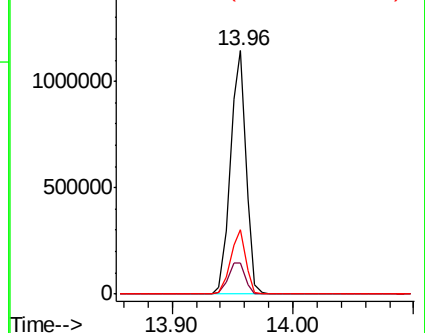
236 26.3 21.1 31.7

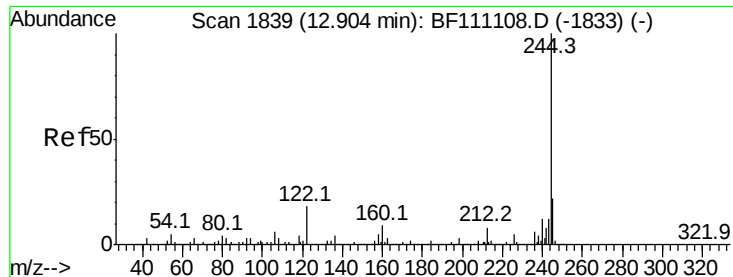


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 65.737 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111189.D

Acq: 7 Dec 2018 16:16

Instrument :

BNA_F

ClientSampled :

PB115343BL

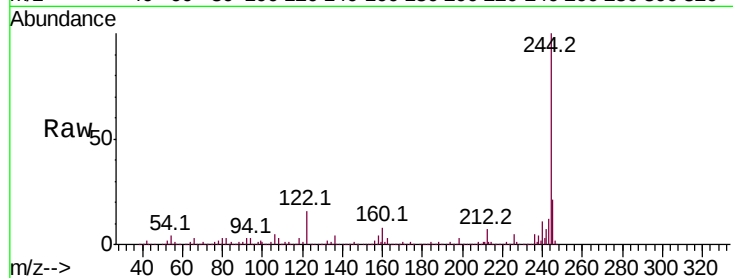
Tot Ion:244 Resp: 3288349

Ion Ratio Lower Upper

244 100

212 7.4 6.6 9.8

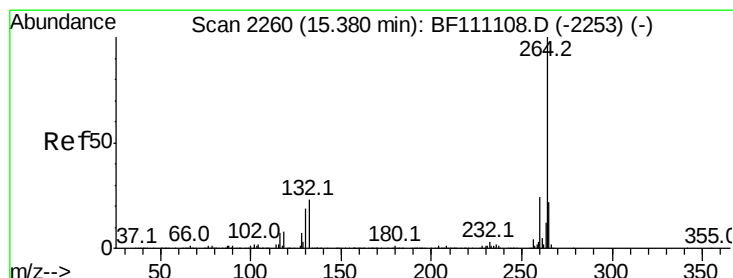
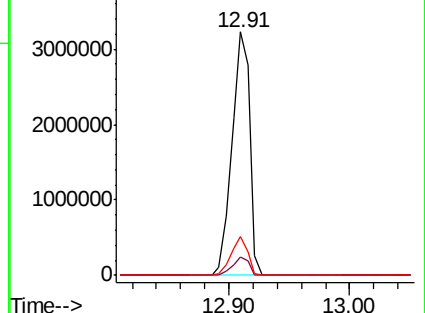
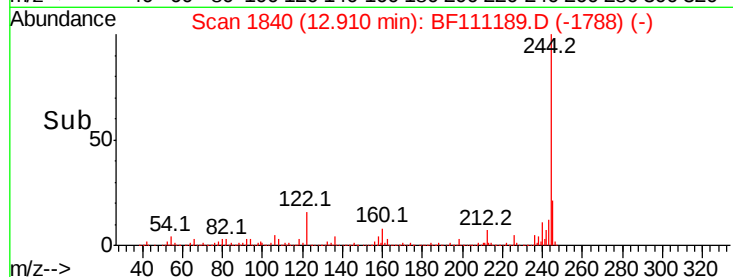
122 16.2 14.2 21.2



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: 15.40 min Scan# 2263

Delta R.T. 0.02 min

Lab File: BF111189.D

Acq: 7 Dec 2018 16:16

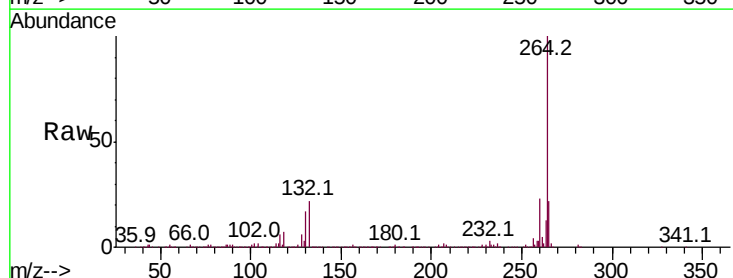
Tgt Ion:264 Resp: 730400

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.0

265 22.0 17.4 26.0



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

