

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120518\
 Data File : BF111125.D
 Acq On : 5 Dec 2018 23:33
 Operator : JU/SJ
 Sample : J6198-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-06-120318

Quant Time: Dec 06 03:41:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

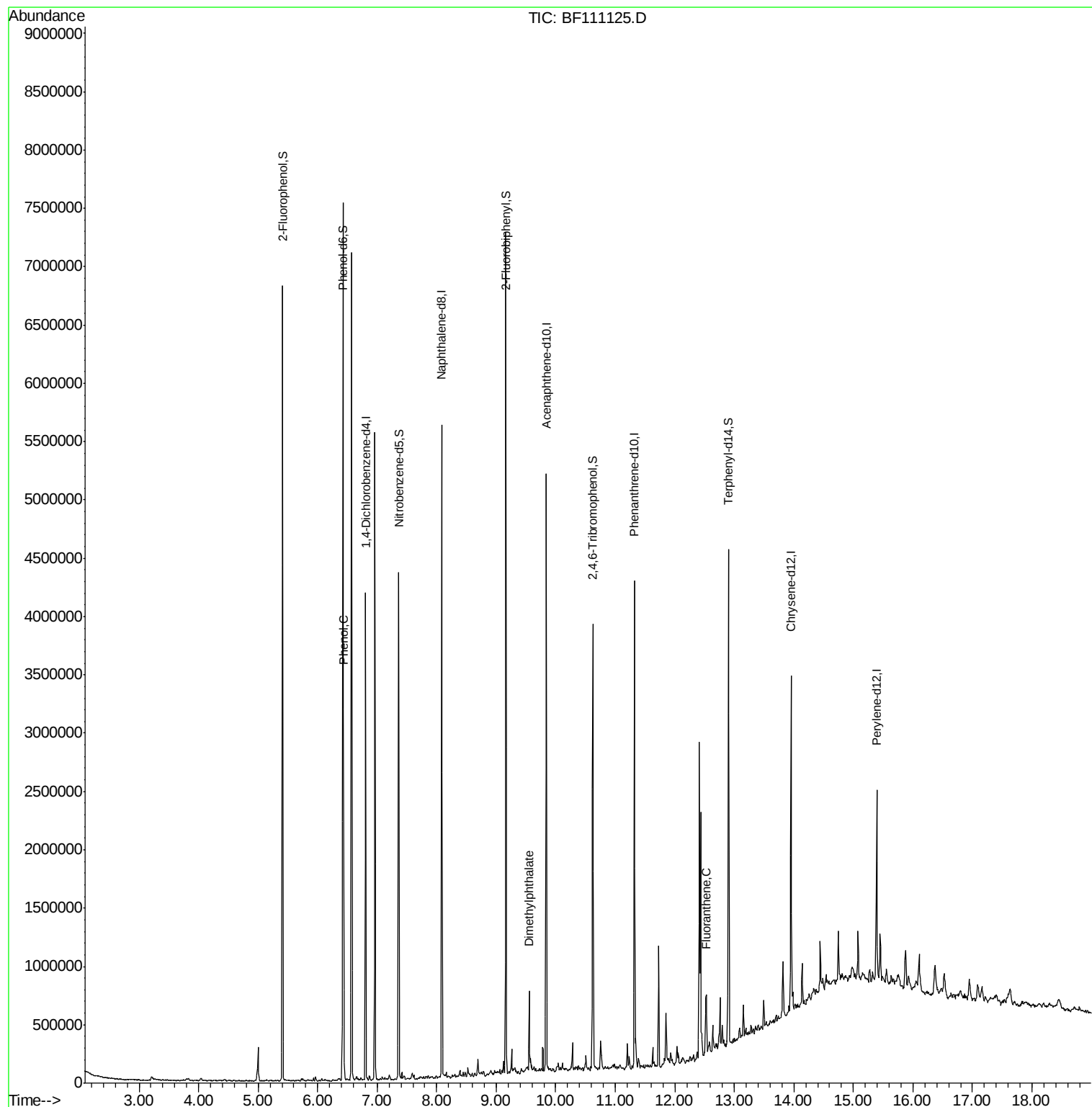
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	524744	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2059023	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	913849	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1335208	20.00	ng	0.00
76) Chrysene-d12	13.96	240	970603	20.00	ng	0.00
87) Perylene-d12	15.39	264	673323	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1680132	49.96	ng	0.00
7) Phenol-d6	6.43	99	2180449	50.34	ng	0.00
23) Nitrobenzene-d5	7.36	82	1269060	36.49	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	328890	45.28	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1882012	28.58	ng	0.00
79) Terphenyl-d14	12.90	244	1285237	27.12	ng	0.00
Target Compounds						
10) Phenol	6.44	94	139303	2.949	ng	95
50) Dimethylphthalate	9.55	163	239715	3.769	ng	97
75) Fluoranthene	12.53	202	159657	2.540	ng	98

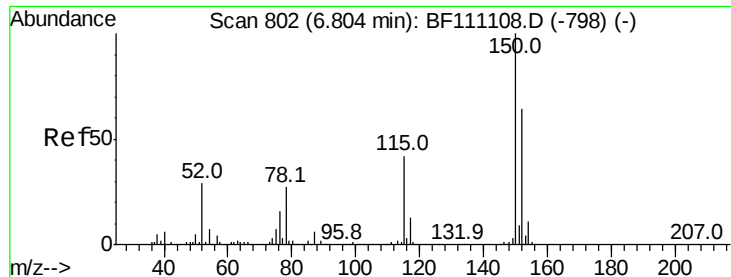
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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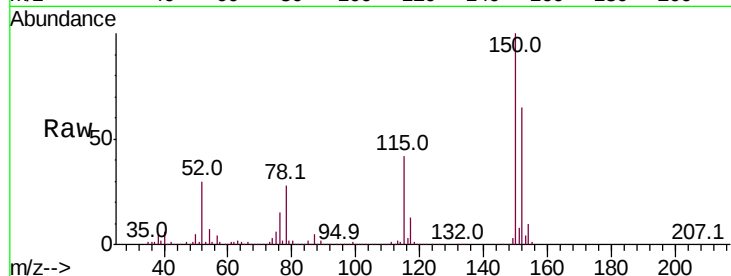


#1

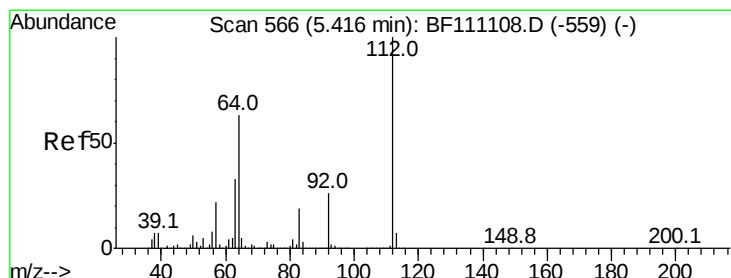
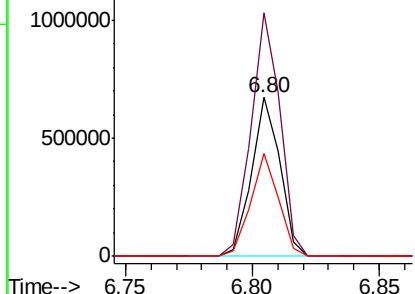
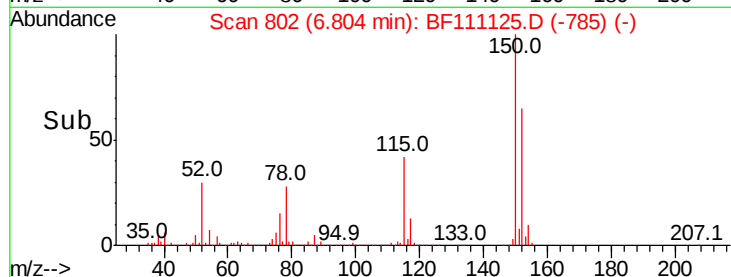
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Instrument :
BNA_F
ClientSampleId :
SA-06-120318

Tot Ion:152 Resp: 524744
Ion Ratio Lower Upper
152 100
150 153.4 124.6 187.0
115 64.5 52.2 78.2



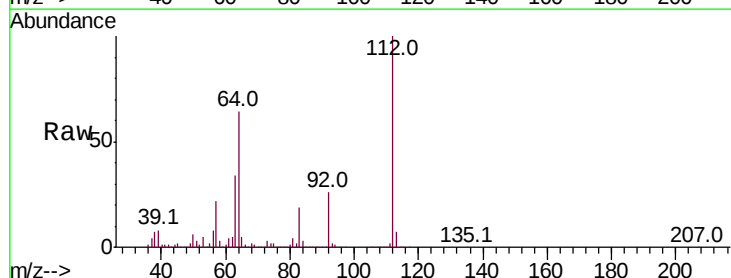
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



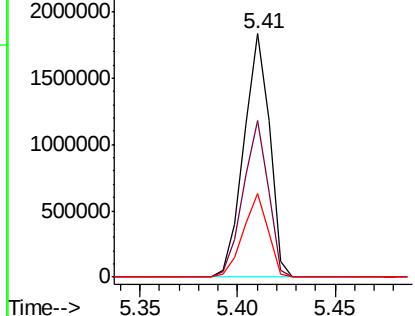
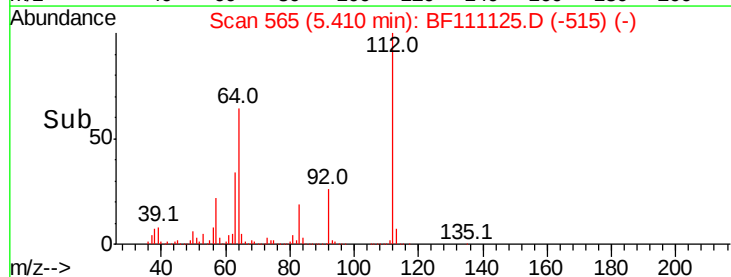
#5

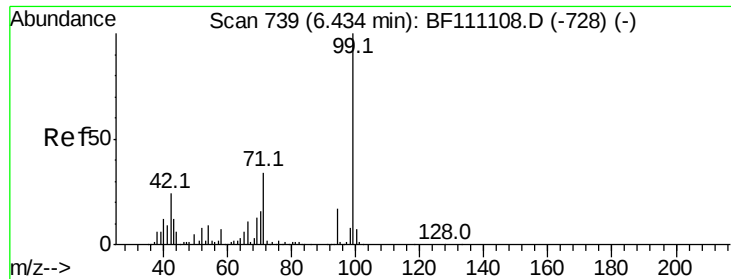
2-Fluorophenol
Concen: 49.963 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Tgt Ion:112 Resp: 1680132
Ion Ratio Lower Upper
112 100
64 64.1 50.2 75.4
63 34.4 26.6 39.8



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: 50.336 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111125.D

Acq: 5 Dec 2018 23:33

Instrument :

BNA_F

ClientSampleId :

SA-06-120318

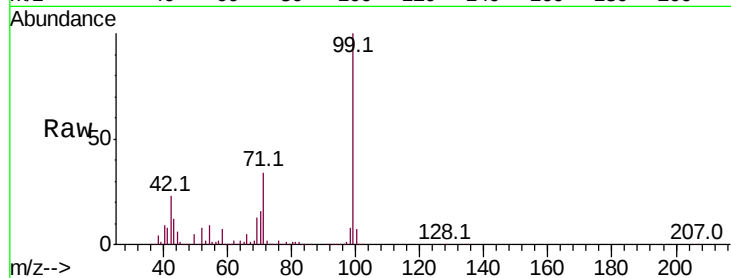
Tot Ion: 99 Resp: 2180449

Ion Ratio Lower Upper

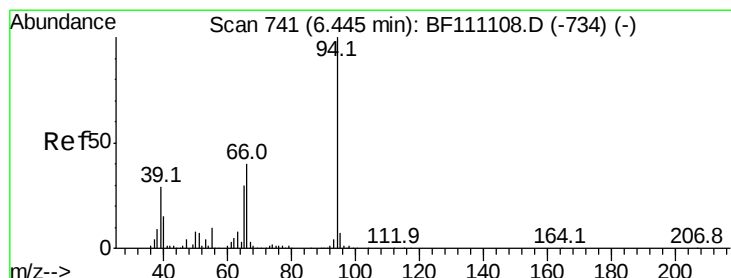
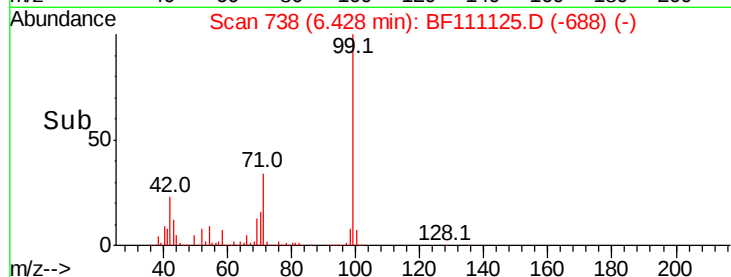
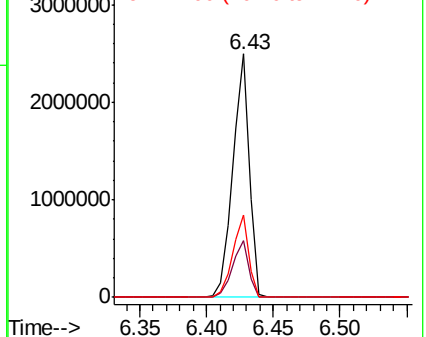
99 100

42 23.1 19.3 28.9

71 34.0 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



#10

Phenol

Concen: 2.949 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111125.D

Acq: 5 Dec 2018 23:33

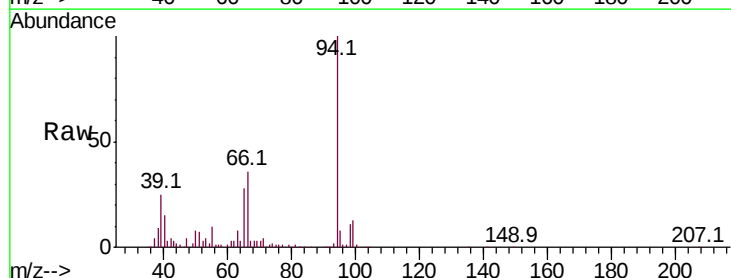
Tgt Ion: 94 Resp: 139303

Ion Ratio Lower Upper

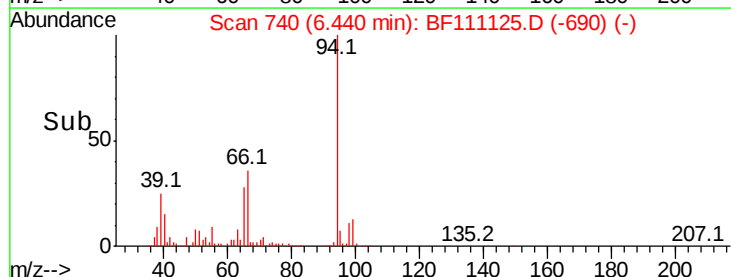
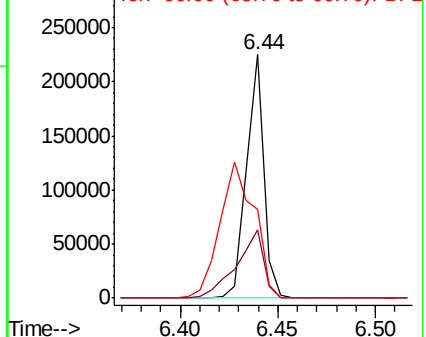
94 100

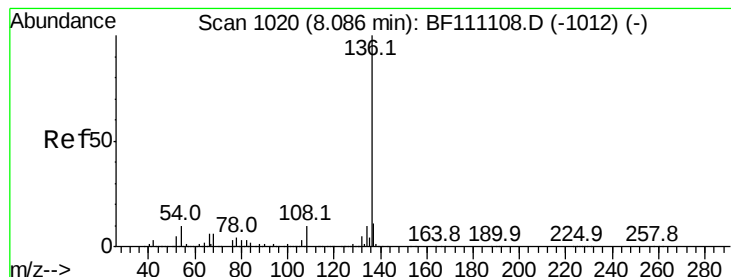
65 27.9 10.5 50.5

66 36.3 19.8 59.8



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.00 min

Lab File: BF111125.D

Acq: 5 Dec 2018 23:33

Instrument :

BNA_F

ClientSampleId :

SA-06-120318

Tot Ion:136 Resp: 2059023

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.0	13.6
54	10.1	8.4	12.6
68	6.2	5.0	7.4

Abundance

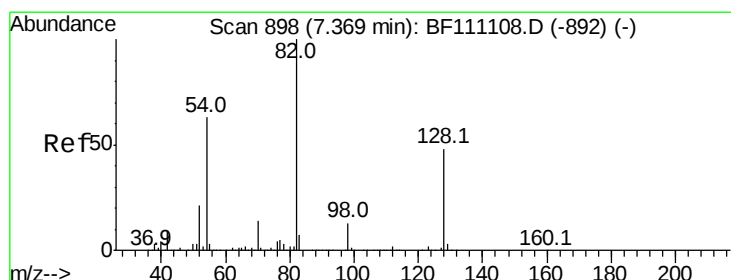
Ion 136.00 (135.70 to 136.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 36.489 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF111125.D

Acq: 5 Dec 2018 23:33

Tgt Ion: 82 Resp: 1269060

Ion	Ratio	Lower	Upper
82	100		
128	47.7	38.1	57.1
54	59.1	50.3	75.5

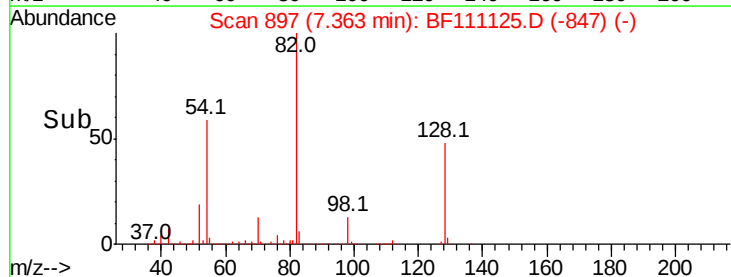
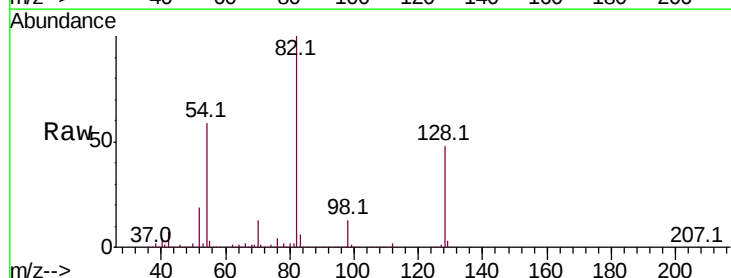
Abundance

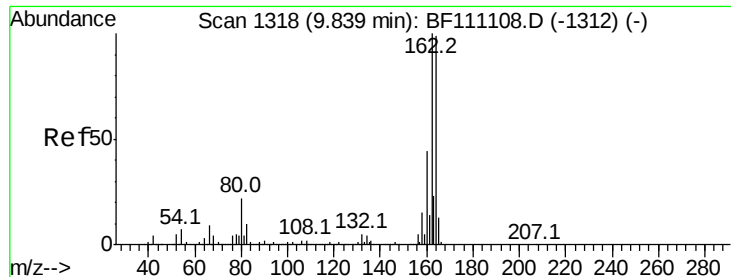
Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

Time-->

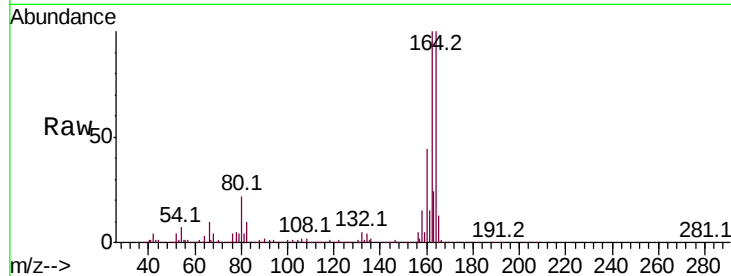




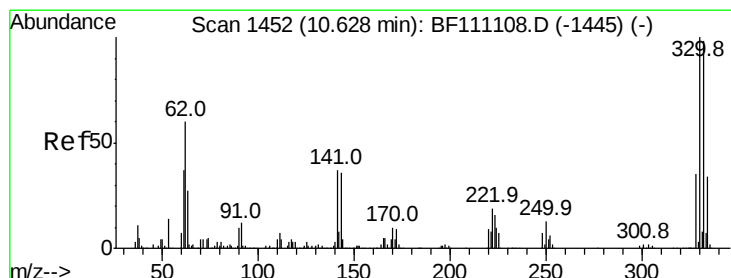
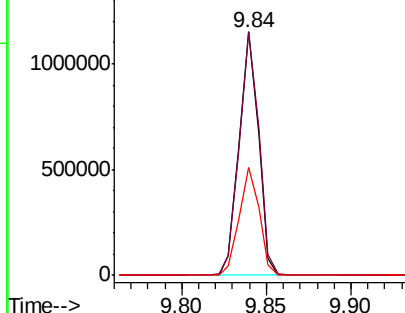
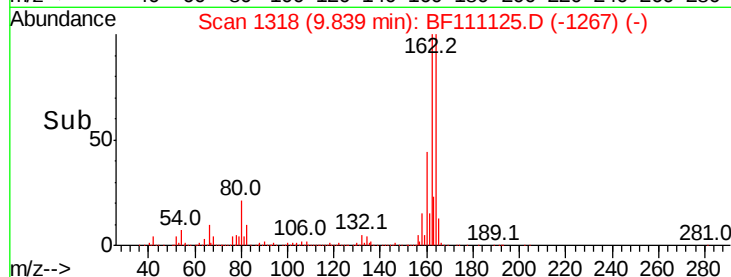
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Instrument :
BNA_F
ClientSampleId :
SA-06-120318

Tot Ion:164 Resp: 913849
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 44.1 35.5 53.3

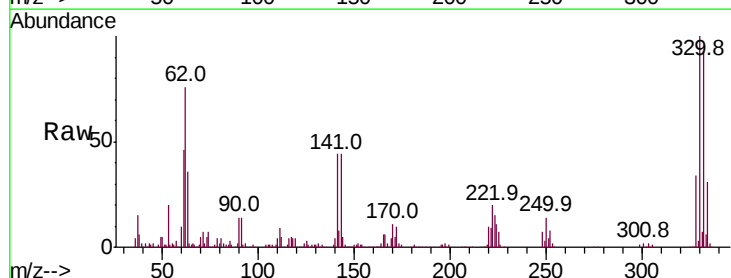


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

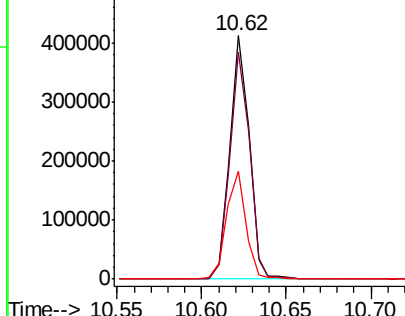
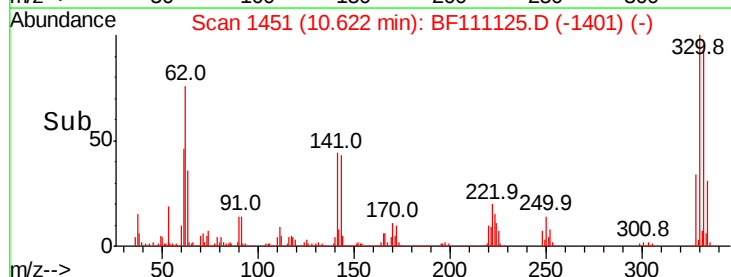


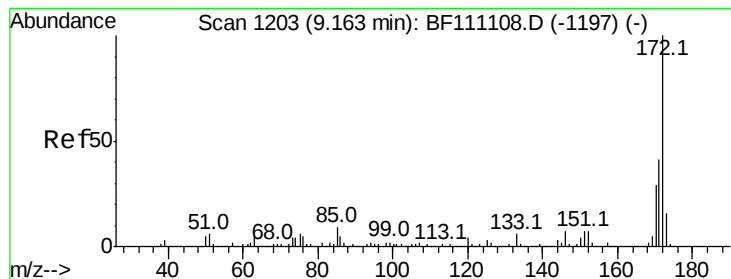
#42
2,4,6-Tribromophenol
Concen: 45.276 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Tgt Ion:330 Resp: 328890
Ion Ratio Lower Upper
330 100
332 94.8 77.2 115.8
141 44.5 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: 28.580 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111125.D

Acq: 5 Dec 2018 23:33

Instrument :

BNA_F

ClientSampleId :

SA-06-120318

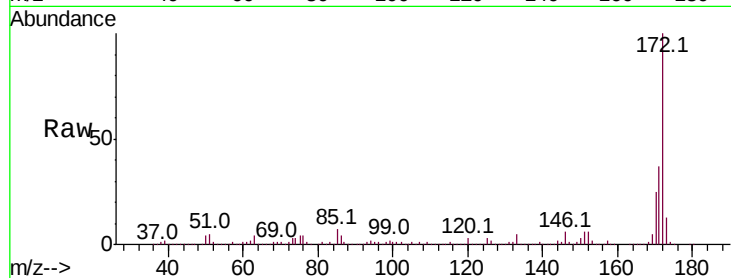
Tot Ion:172 Resp: 1882012

Ion Ratio Lower Upper

172 100

171 36.8 33.2 49.8

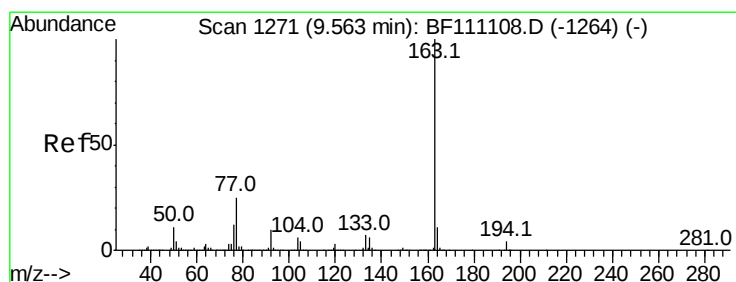
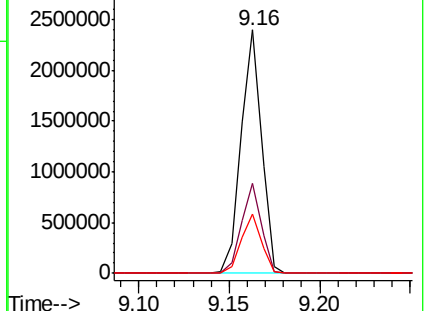
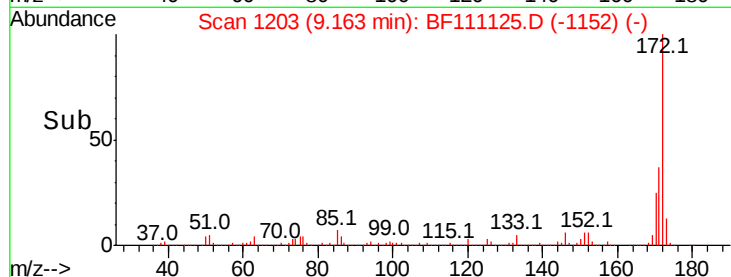
170 24.5 22.9 34.3



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



#50

Dimethylphthalate

Concen: 3.769 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF111125.D

Acq: 5 Dec 2018 23:33

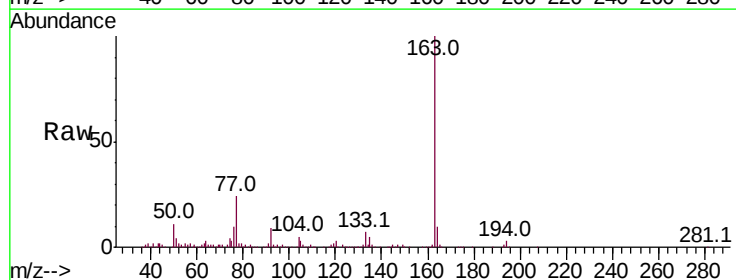
Tgt Ion:163 Resp: 239715

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

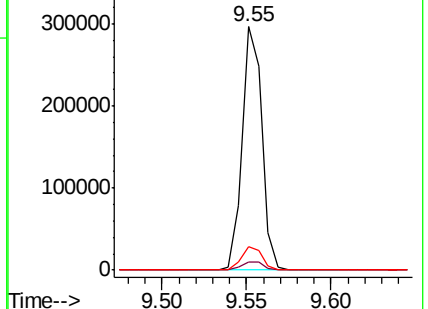
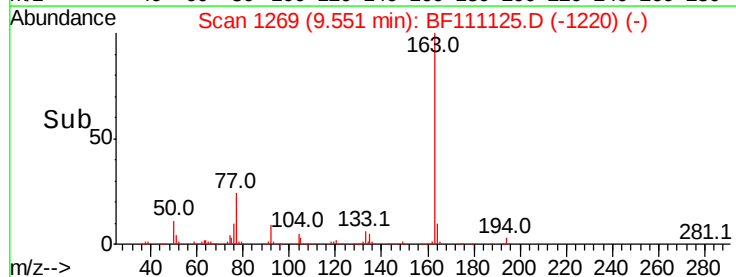
164 9.5 8.9 13.3

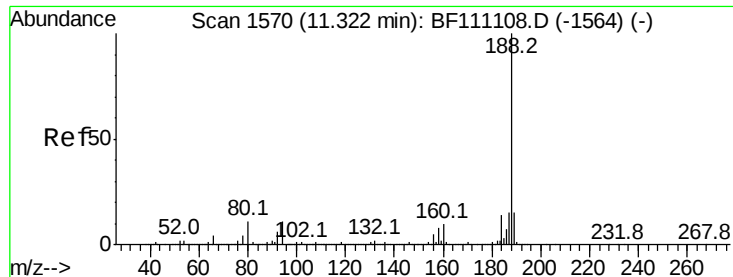


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.32 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BF111125.D

Acq: 5 Dec 2018 23:33

Instrument :

BNA_F

ClientSampleId :

SA-06-120318

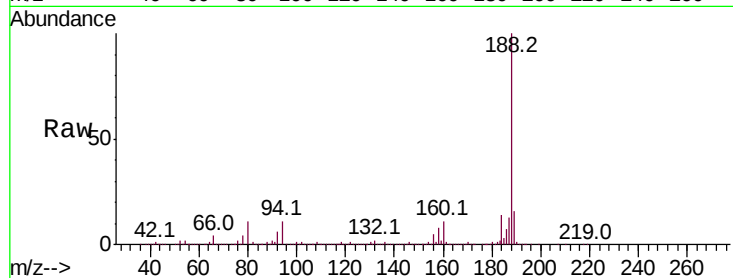
Tot Ion:188 Resp: 1335208

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

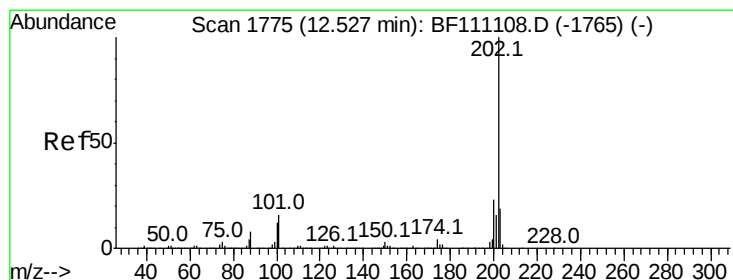
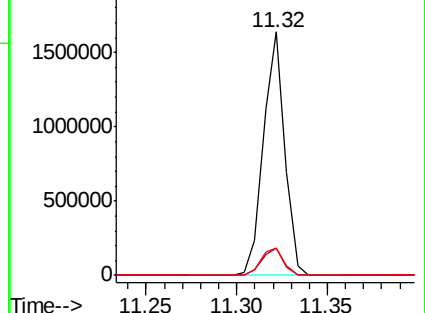
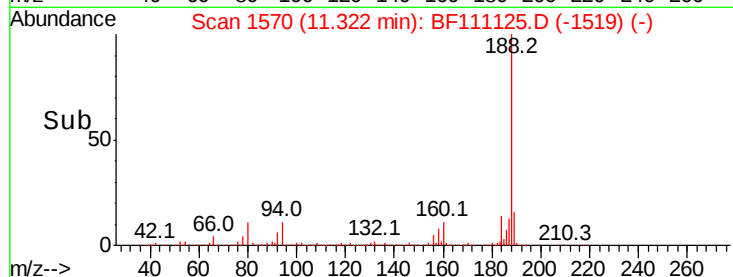
80 11.0 9.0 13.6



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



#75

Fluoranthene

Concen: 2.540 ng

RT: 12.53 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BF111125.D

Acq: 5 Dec 2018 23:33

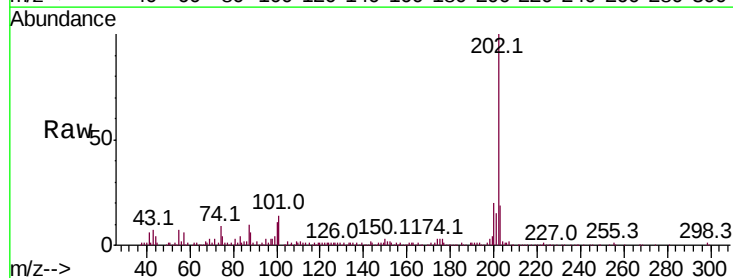
Tgt Ion:202 Resp: 159657

Ion Ratio Lower Upper

202 100

101 14.2 0.0 35.8

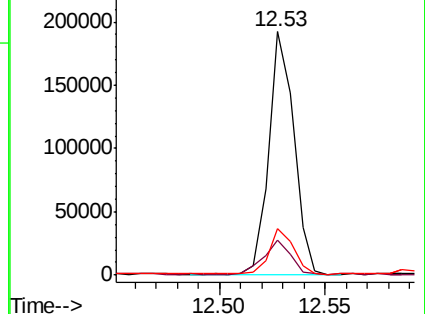
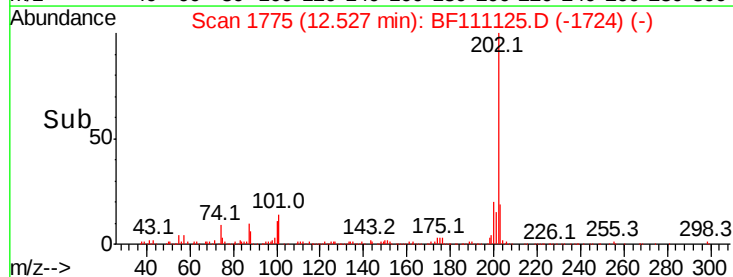
203 19.1 0.0 38.6

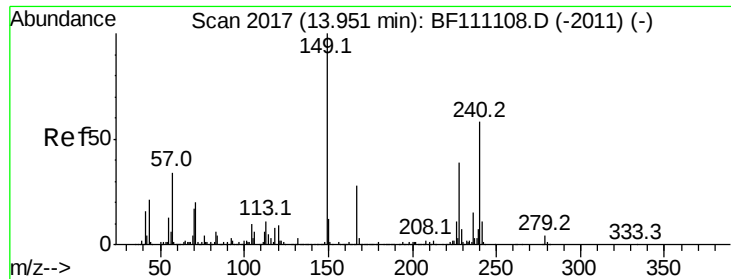


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

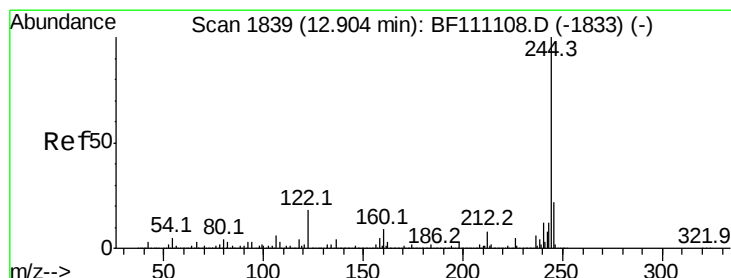
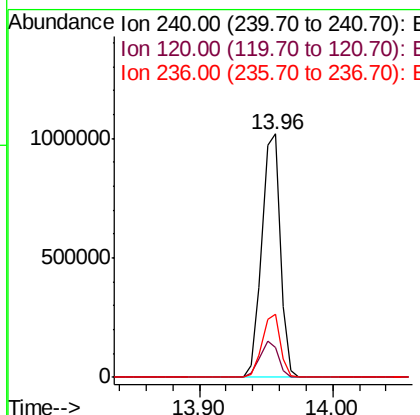
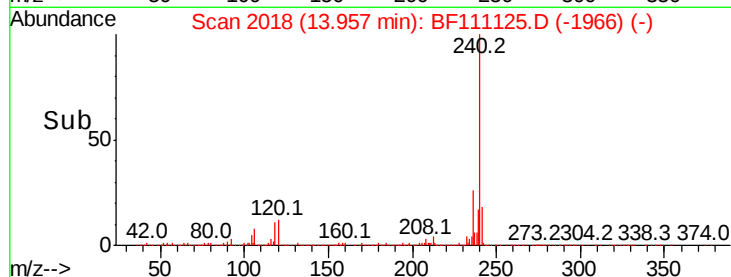
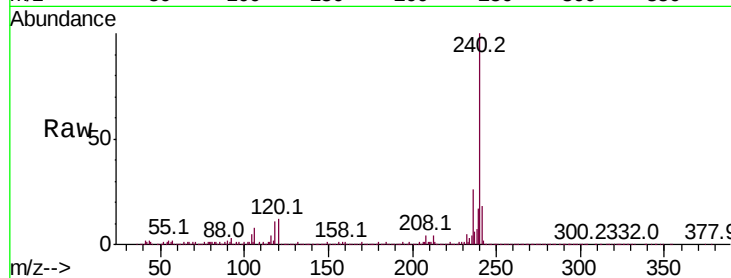




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF111125.D
 Acq: 5 Dec 2018 23:33

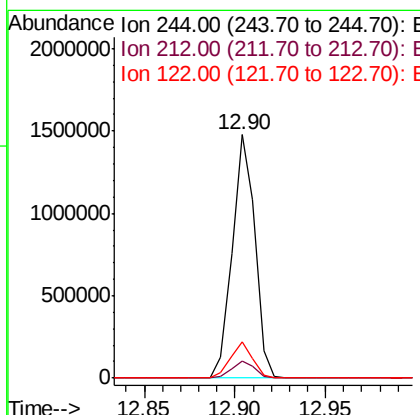
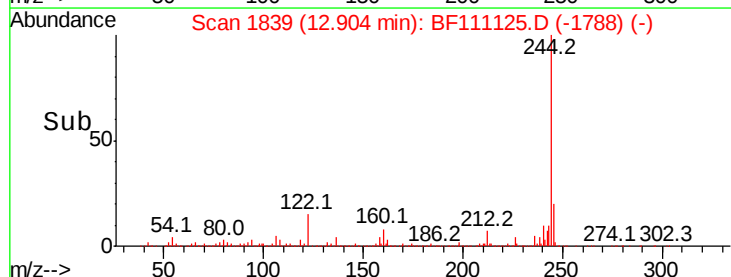
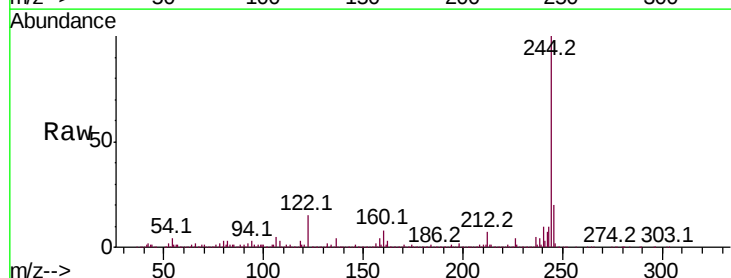
Instrument :
 BNA_F
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 SA-06-120318

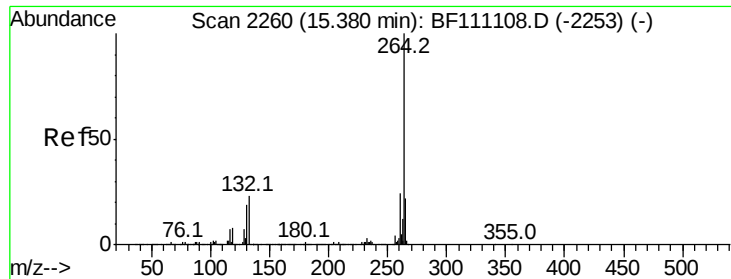
Tot Ion:240 Resp: 970603
 Ion Ratio Lower Upper
 240 100
 120 12.1 12.8 19.2#
 236 25.7 21.1 31.7



#79
 Terphenyl-d14
 Concen: 27.119 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. 0.00 min
 Lab File: BF111125.D
 Acq: 5 Dec 2018 23:33

Tgt Ion:244 Resp: 1285237
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.6 9.8
 122 15.0 14.2 21.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111125.D
Acq: 5 Dec 2018 23:33

Instrument :
BNA_F
ClientSampleId :
SA-06-120318

Tot Ion:264 Resp: 673323
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.0
265 21.2 17.4 26.0

