

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
 Data File : BF110081.D
 Acq On : 23 Oct 2018 16:57
 Operator : JU/SJ
 Sample : PB113692BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113692BL

Quant Time: Oct 24 03:56:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	213212	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	863184	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	423587	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	842085	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	732813	20.00	ng	-0.02
87) Perylene-d12	15.67	264	650301	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1332316	101.76	ng	0.00
7) Phenol-d6	6.59	99	1704905	101.80	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1067448	73.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	449235	107.06	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	1959731	72.65	ng	-0.02
79) Terphenyl-d14	13.09	244	2133953	60.56	ng	-0.01

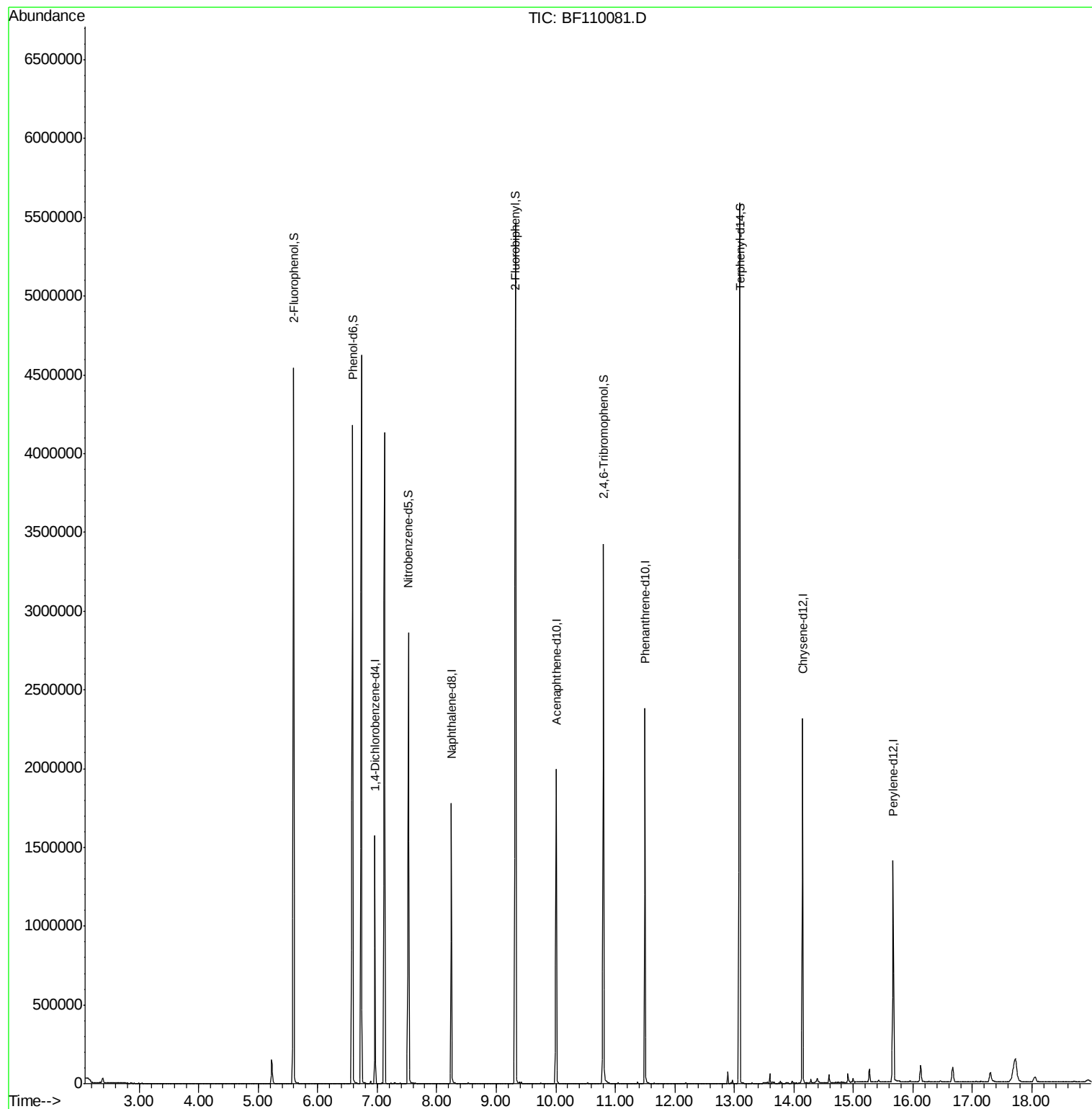
Target Compounds	Qvalue
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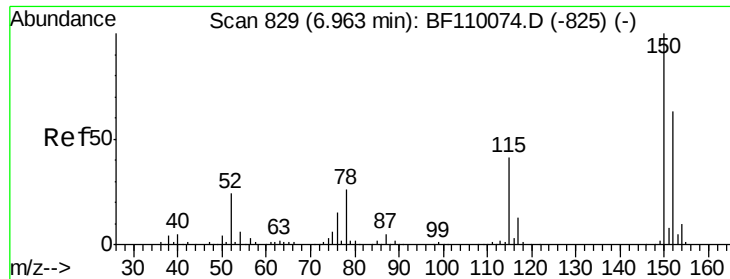
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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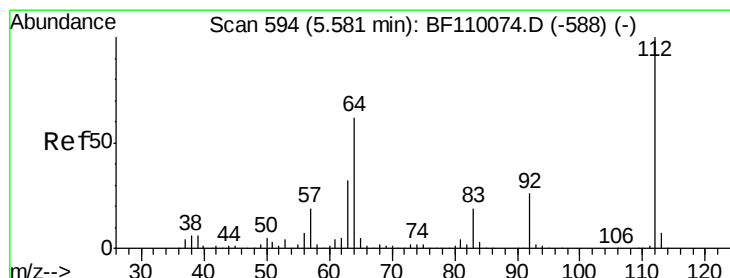
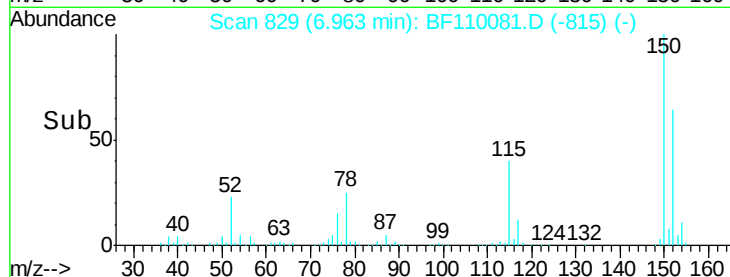
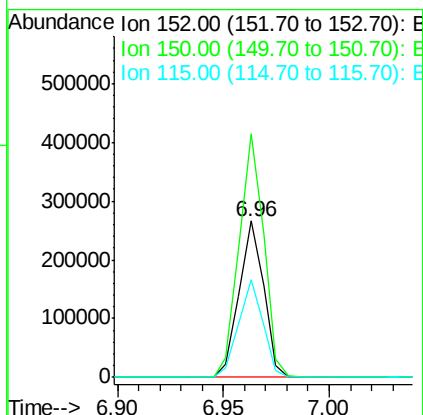
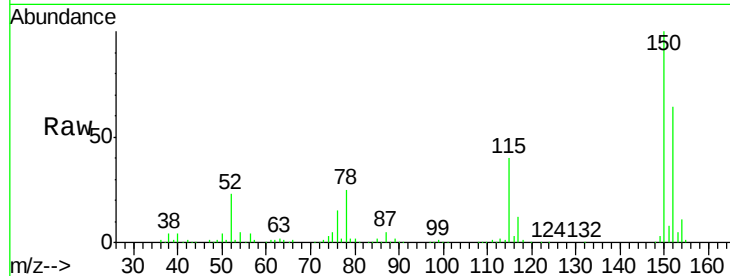


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110081.D
Acq: 23 Oct 2018 16:57

Instrument :
BNA_F
ClientSampled :
PB113692BL

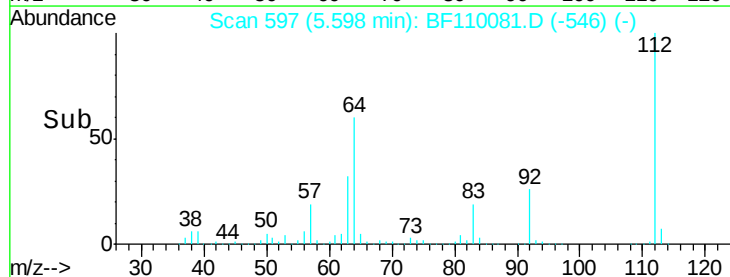
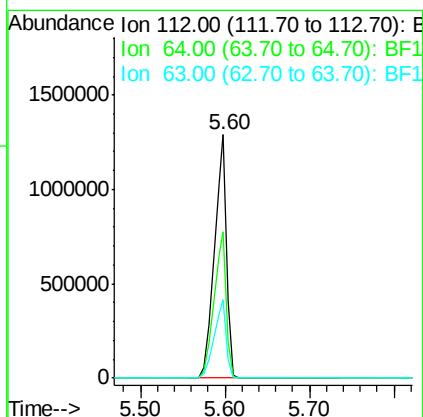
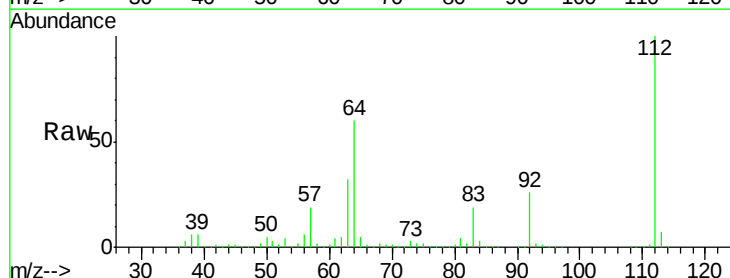
Tgt Ion:152 Resp: 213212
Ion Ratio Lower Upper
152 100
150 155.9 122.7 184.1
115 62.4 49.1 73.7

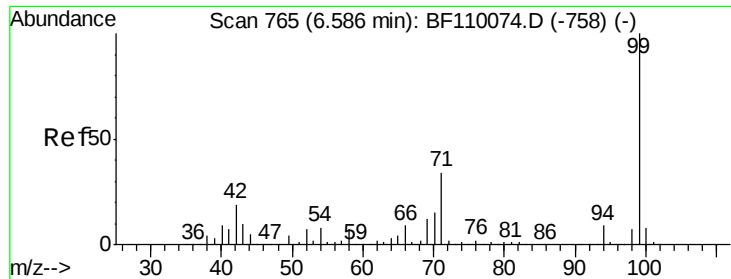


#5

2-Fluorophenol
Concen: 101.758 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF110081.D
Acq: 23 Oct 2018 16:57

Tgt Ion:112 Resp: 1332316
Ion Ratio Lower Upper
112 100
64 60.2 44.1 66.1
63 32.0 23.7 35.5





#7

Phenol-d6

Concen: 101.804 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110081.D

Acq: 23 Oct 2018 16:57

Instrument :

BNA_F

ClientSampleId :

PB113692BL

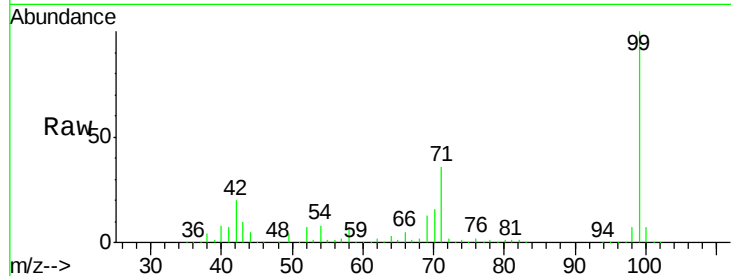
Tgt Ion: 99 Resp: 1704905

Ion Ratio Lower Upper

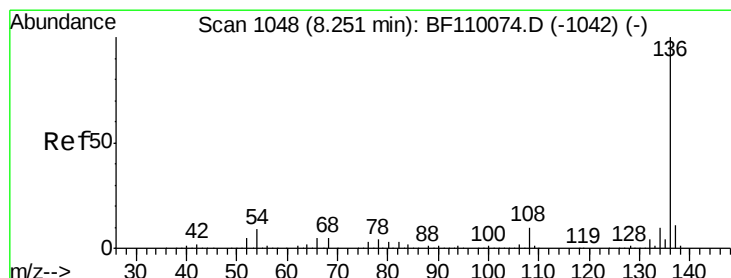
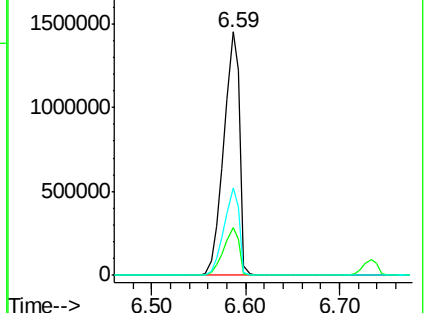
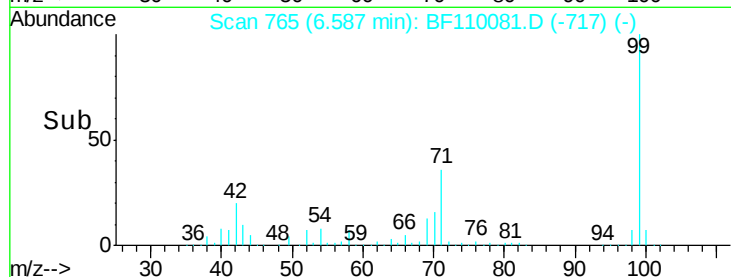
99 100

42 19.6 15.8 23.6

71 35.9 28.0 42.0



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: 8.25 min Scan# 1047

Delta R.T. -0.02 min

Lab File: BF110081.D

Acq: 23 Oct 2018 16:57

Tgt Ion: 136 Resp: 863184

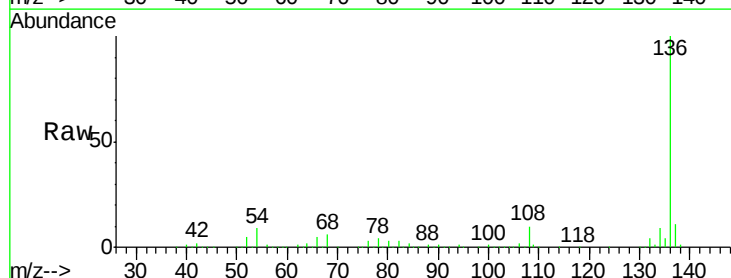
Ion Ratio Lower Upper

136 100

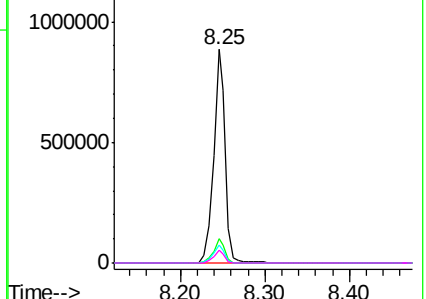
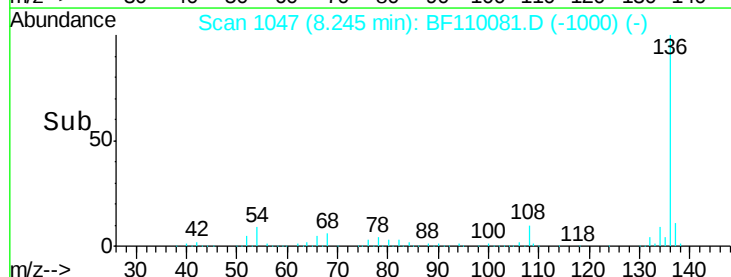
137 11.3 8.8 13.2

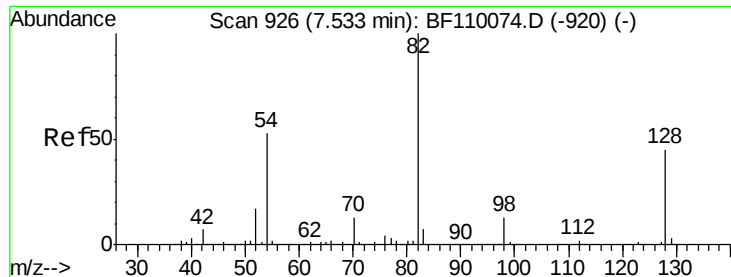
54 8.6 5.4 8.2#

68 5.8 4.2 6.2



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

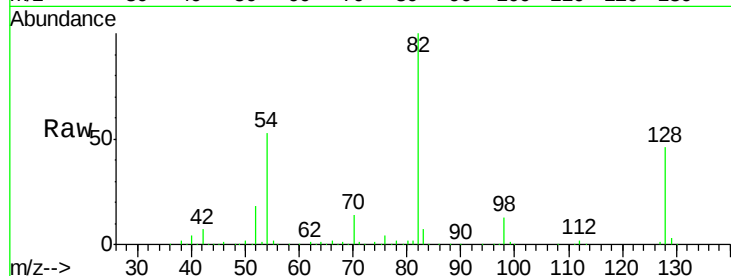




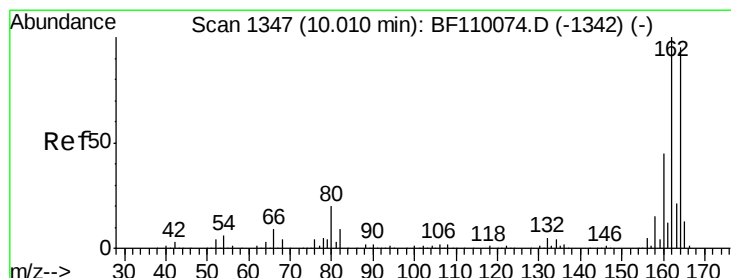
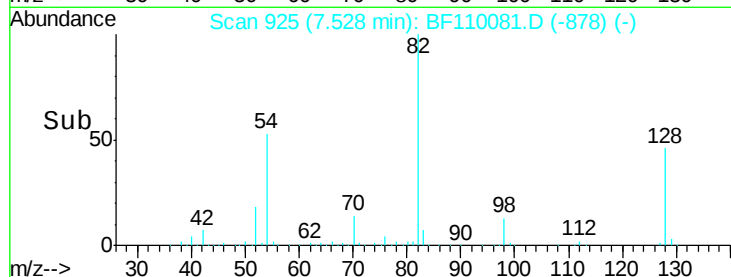
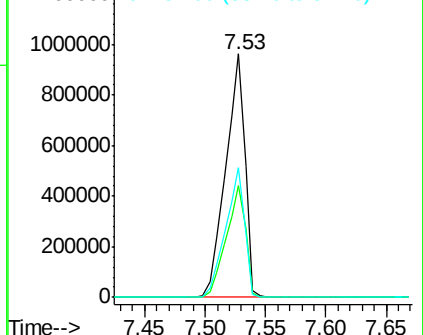
#23
 Nitrobenzene-d5
 Concen: 73.349 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110081.D
 Acq: 23 Oct 2018 16:57

Instrument :
 BNA_F
 ClientSampleId :
 PB113692BL

Tgt Ion: 82 Resp: 1067448
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.2 51.2
 54 53.4 38.6 58.0

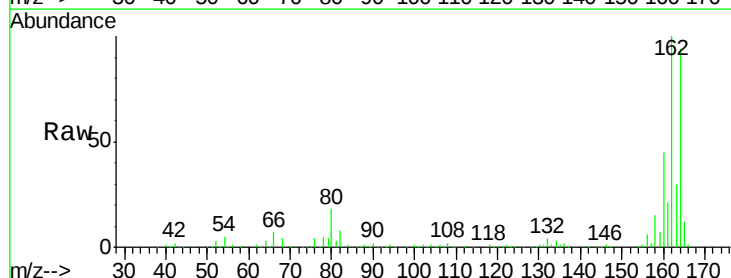


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

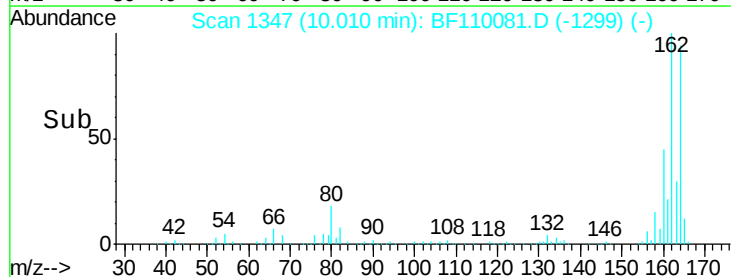
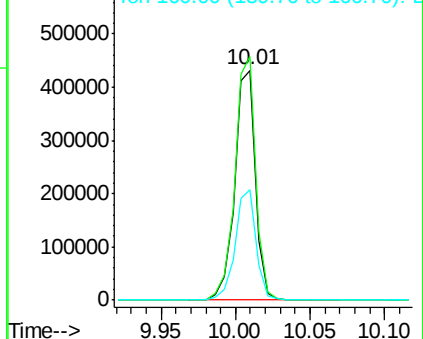


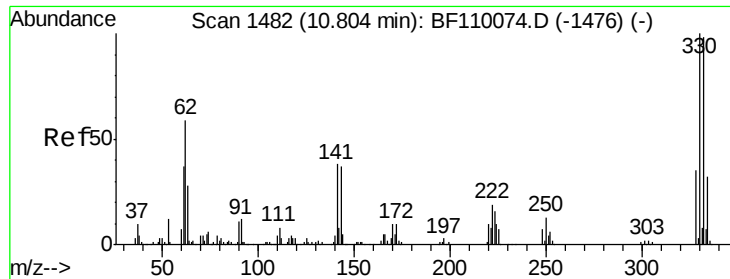
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110081.D
 Acq: 23 Oct 2018 16:57

Tgt Ion: 164 Resp: 423587
 Ion Ratio Lower Upper
 164 100
 162 105.9 83.0 124.6
 160 48.0 37.0 55.6



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

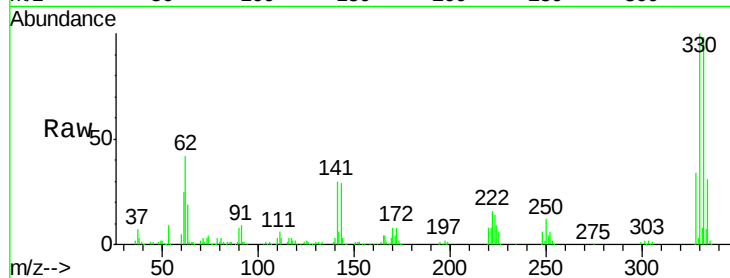




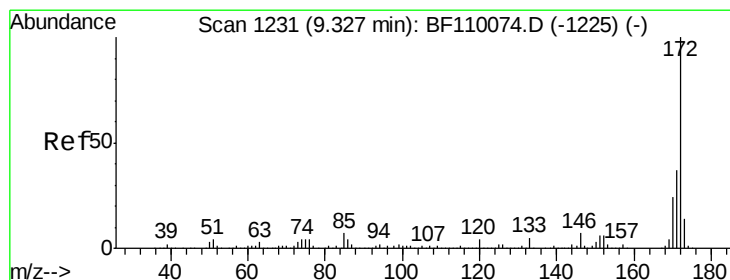
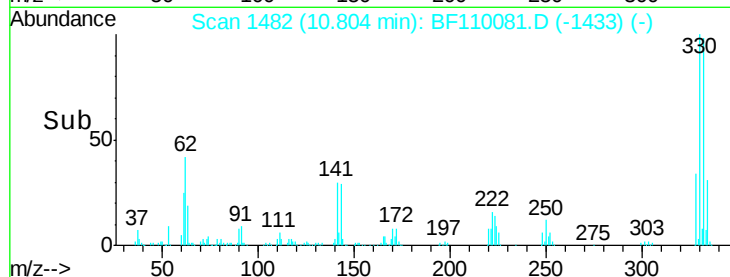
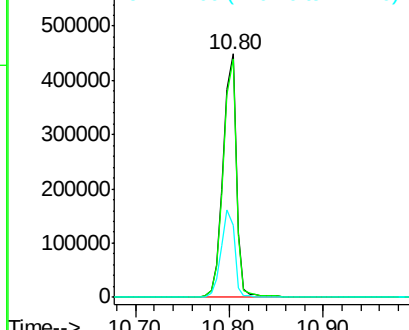
#42
 2,4,6-Tribromophenol
 Concen: 107.065 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110081.D
 Acq: 23 Oct 2018 16:57

Instrument :
 BNA_F
 ClientSampleId :
 PB113692BL

Tgt Ion:330 Resp: 449235
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.1 115.7
 141 36.6 27.0 40.4

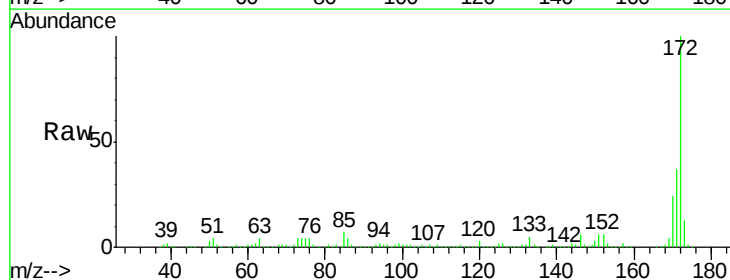


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

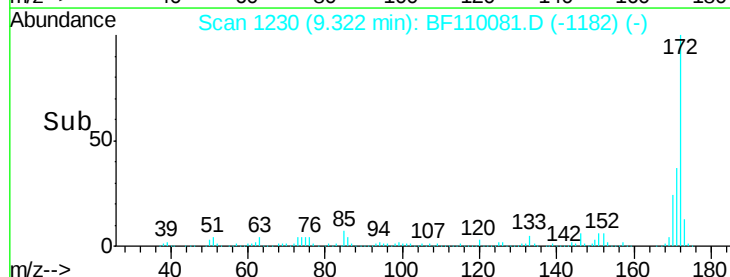
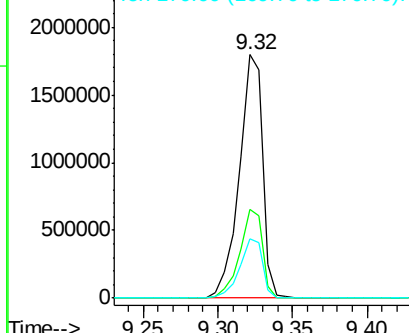


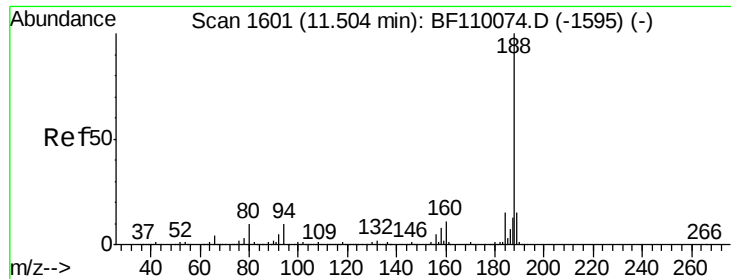
#45
 2-Fluorobiphenyl
 Concen: 72.648 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110081.D
 Acq: 23 Oct 2018 16:57

Tgt Ion:172 Resp: 1959731
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.1 19.7 29.5



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

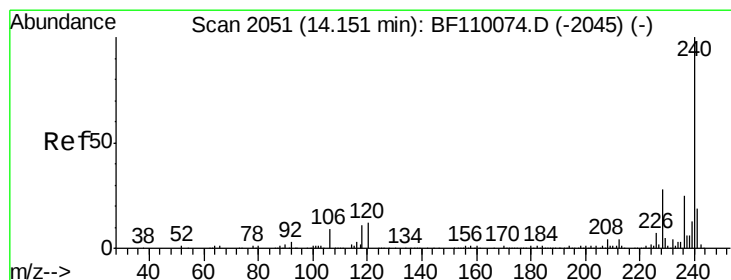
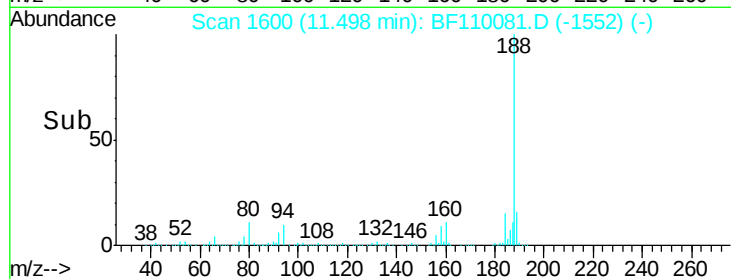
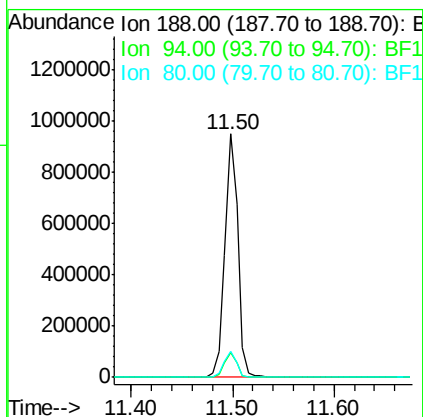
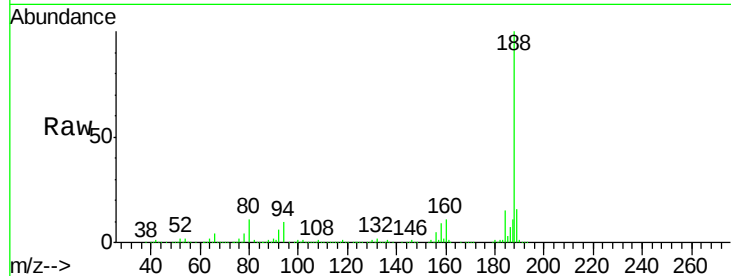




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110081.D
Acq: 23 Oct 2018 16:57

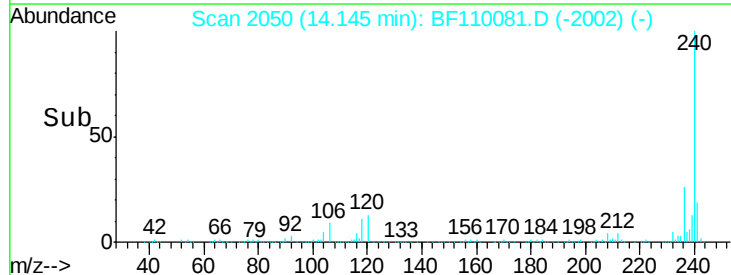
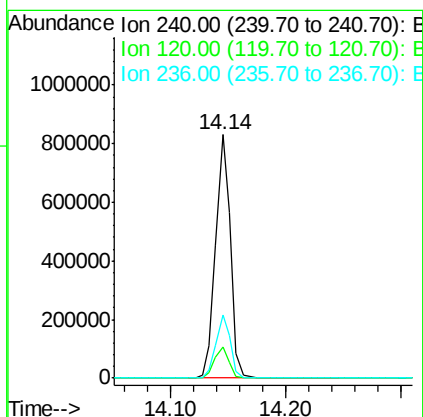
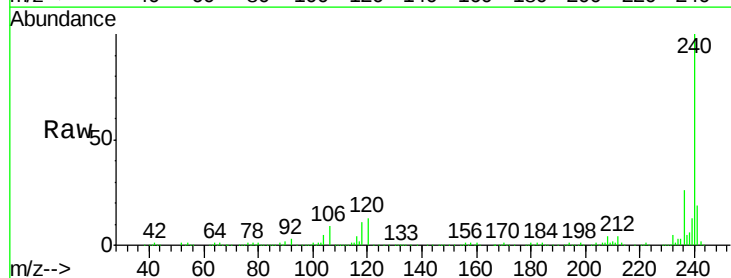
Instrument :
BNA_F
ClientSampleId :
PB113692BL

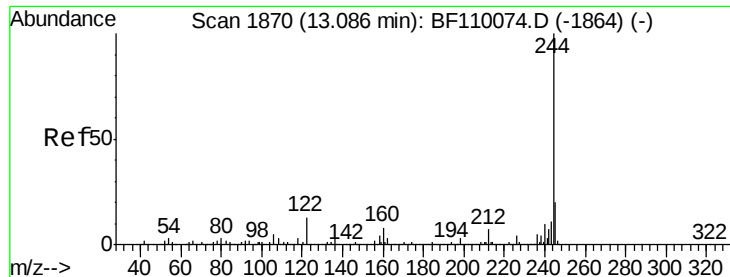
Tgt Ion:188 Resp: 842085
Ion Ratio Lower Upper
188 100
94 10.1 7.2 10.8
80 10.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110081.D
Acq: 23 Oct 2018 16:57

Tgt Ion:240 Resp: 732813
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 26.0 21.2 31.8





#79

Terphenyl-d14

Concen: 60.561 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110081.D

Acq: 23 Oct 2018 16:57

Instrument :

BNA_F

ClientSampleId :

PB113692BL

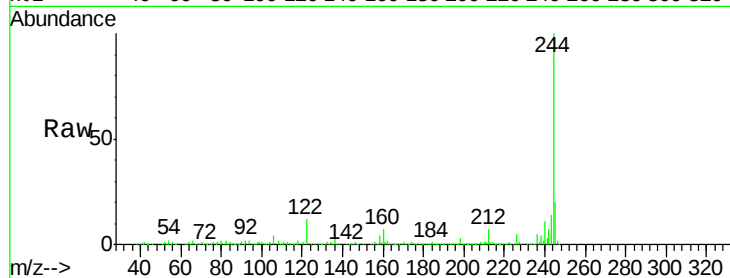
Tgt Ion:244 Resp: 2133953

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

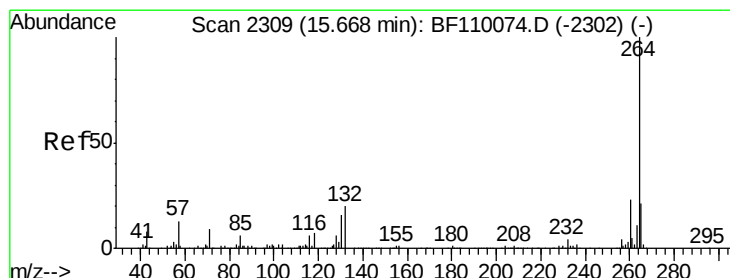
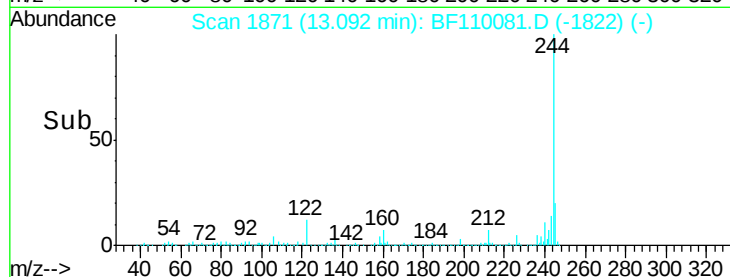
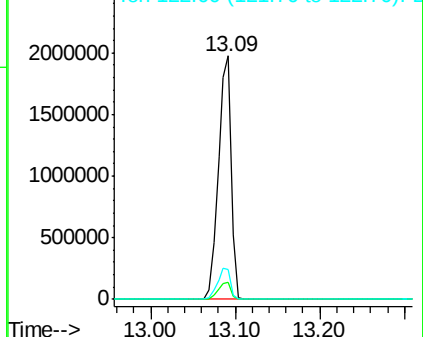
122 12.0 8.7 13.1



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: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110081.D

Acq: 23 Oct 2018 16:57

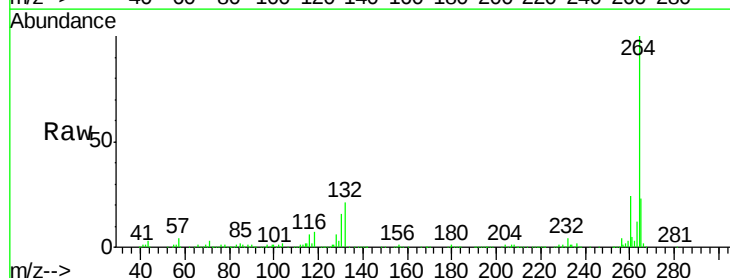
Tgt Ion:264 Resp: 650301

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 22.7 16.7 25.1



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

