

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120117\
 Data File : BF101084.D
 Acq On : 2 Dec 2017 1:48
 Operator : SJ/JU
 Sample : I6639-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 342-VNJ216

Quant Time: Dec 02 03:08:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 01 15:52:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52907	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	203973	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	93380	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	156255	20.00	ng	0.00
75) Chrysene-d12	14.02	240	123689	20.00	ng	0.00
86) Perylene-d12	15.49	264	113910	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	108425	33.86	ng	0.00
7) Phenol-d6	6.47	99	211968	54.53	ng	0.00
23) Nitrobenzene-d5	7.41	82	141445	41.37	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	17761	15.83	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	300065	43.97	ng	0.00
78) Terphenyl-d14	12.96	244	208357	36.84	ng	0.00

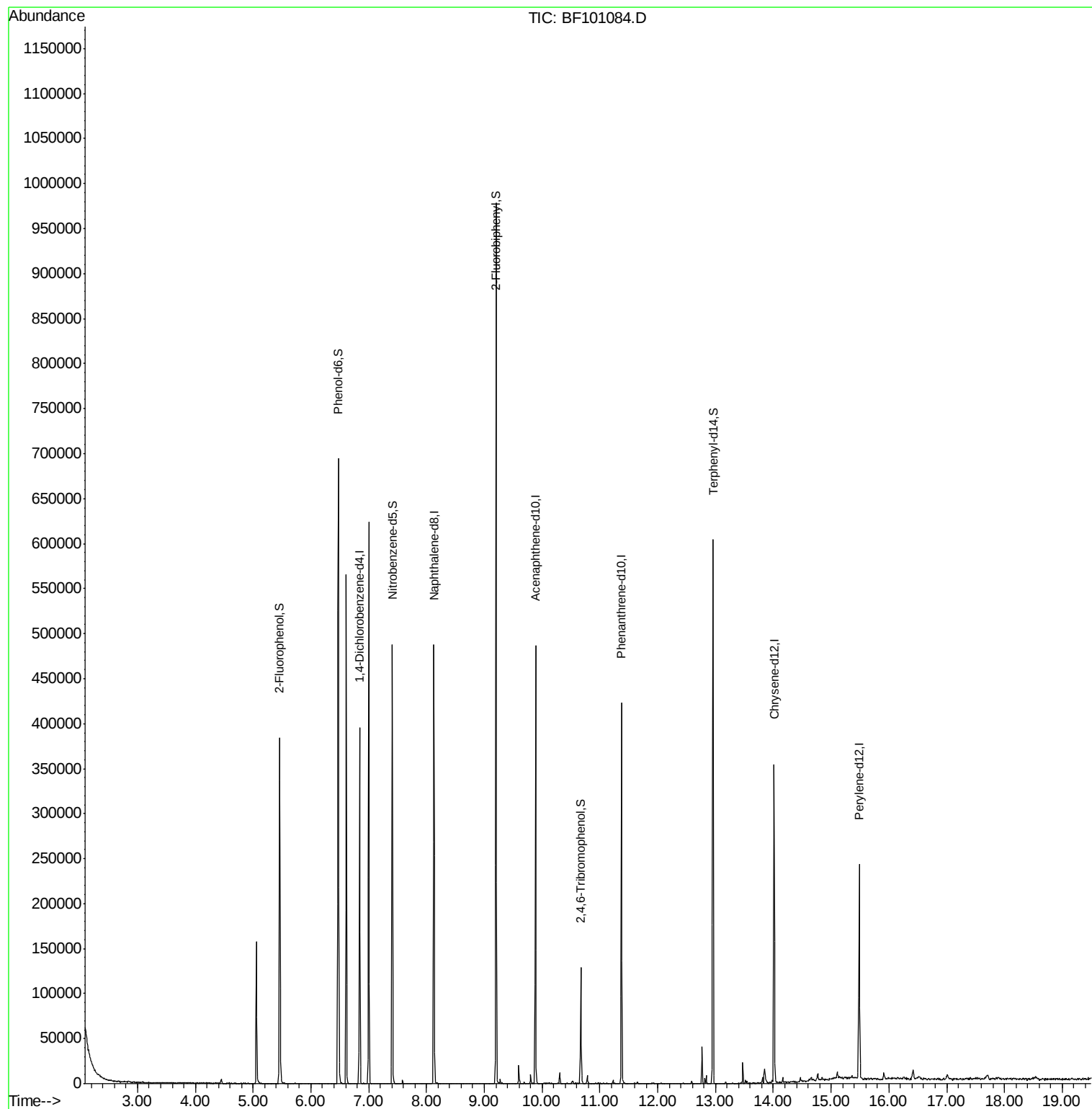
Target Compounds Qvalue

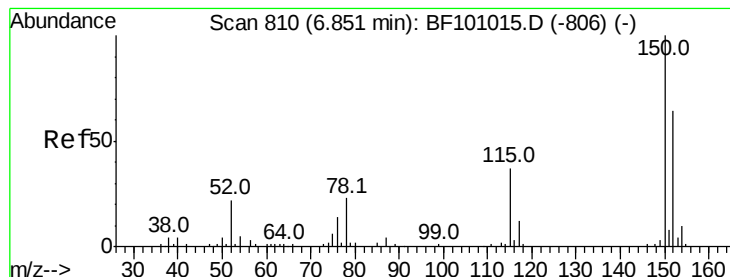
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 01 15:52:19 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF101084.D

Acq: 2 Dec 2017 1:48

Instrument :

BNA_F

ClientSampleId :

342-VNJ216

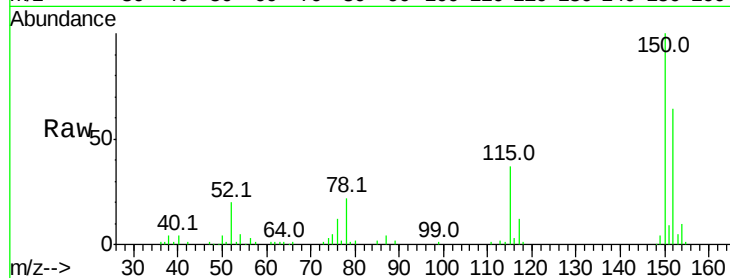
Tot Ion:152 Resp: 52907

Ion Ratio Lower Upper

152 100

150 156.3 124.6 186.8

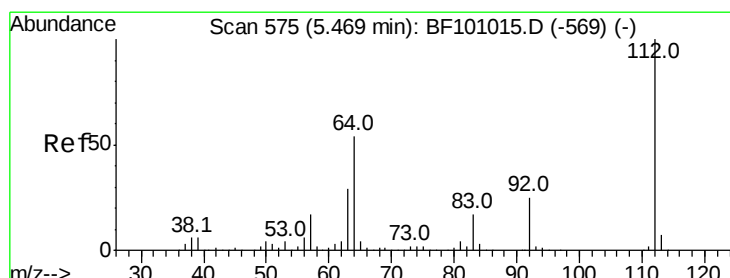
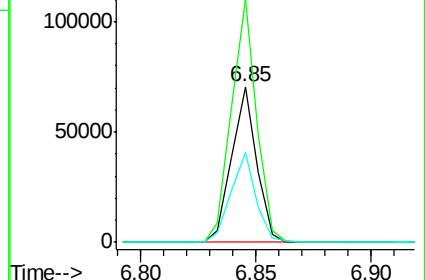
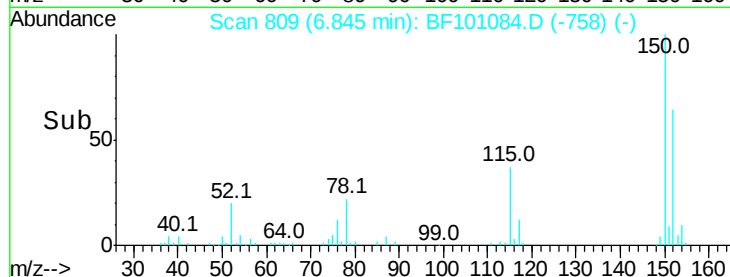
115 58.1 50.1 75.1



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: 33.864 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF101084.D

Acq: 2 Dec 2017 1:48

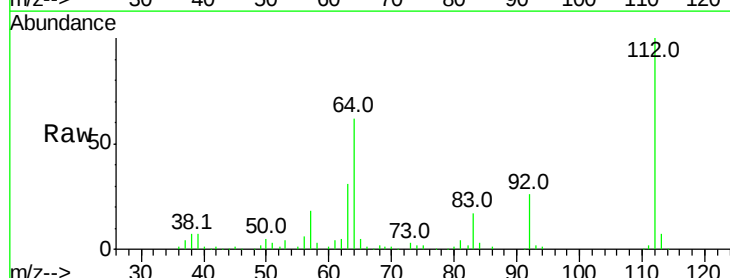
Tgt Ion:112 Resp: 108425

Ion Ratio Lower Upper

112 100

64 62.0 47.9 71.9

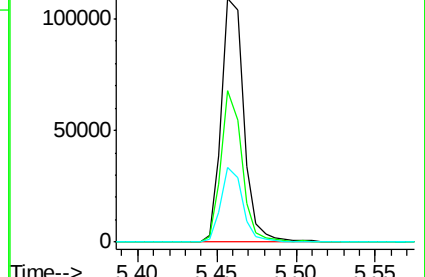
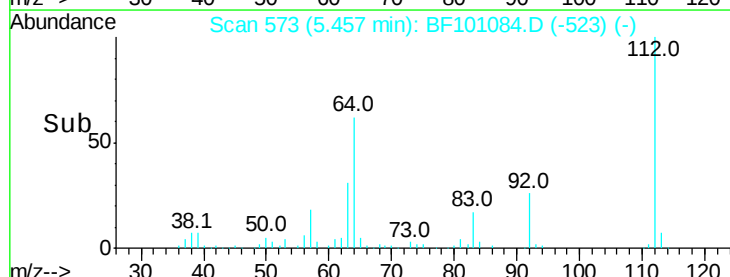
63 30.9 23.7 35.5

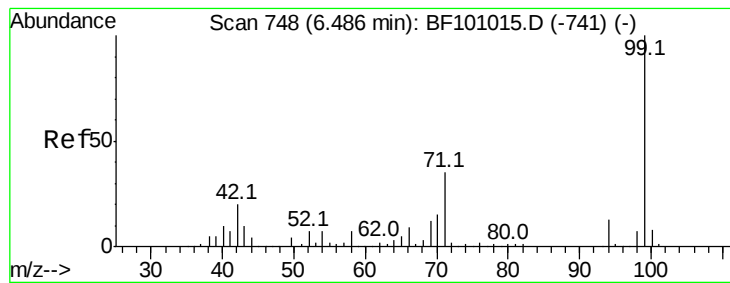


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 54.529 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101084.D

Acq: 2 Dec 2017 1:48

Instrument :

BNA_F

ClientSampleId :

342-VNJ216

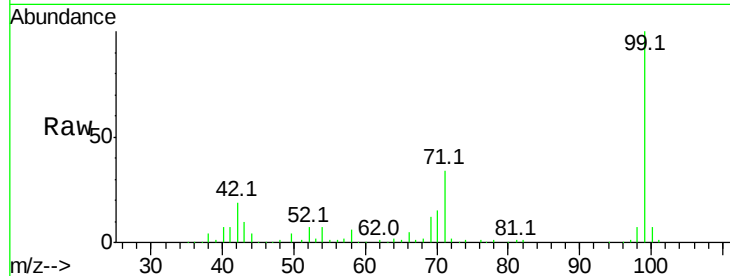
Tot Ion: 99 Resp: 211968

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

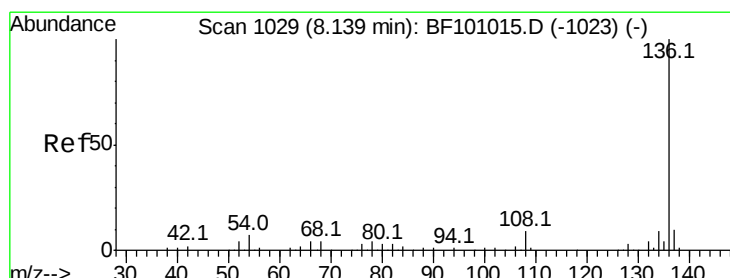
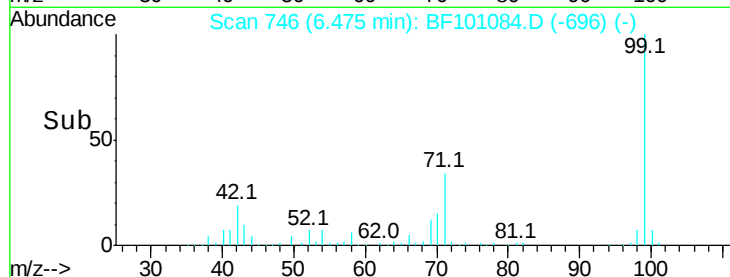
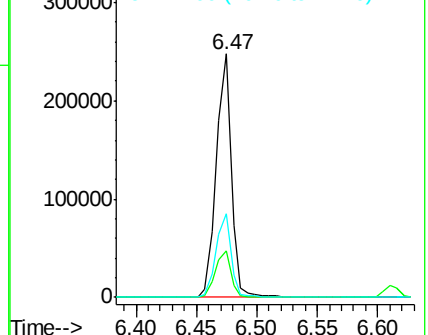
71 34.3 25.4 38.0



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101084.D

Acq: 2 Dec 2017 1:48

Tgt Ion: 136 Resp: 203973

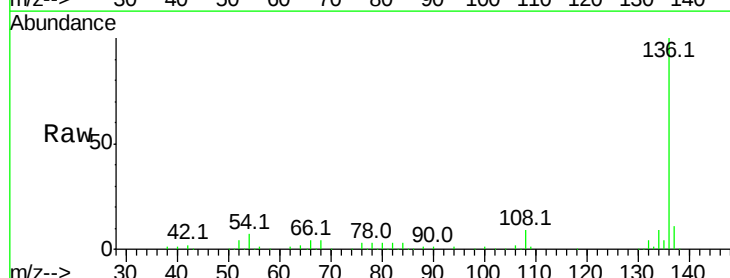
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.5 6.6 9.8

68 4.3 5.0 7.4#

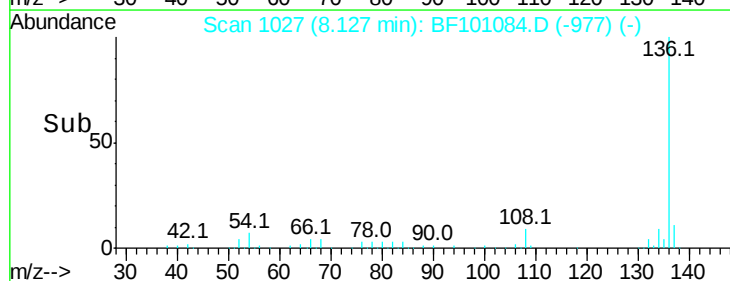
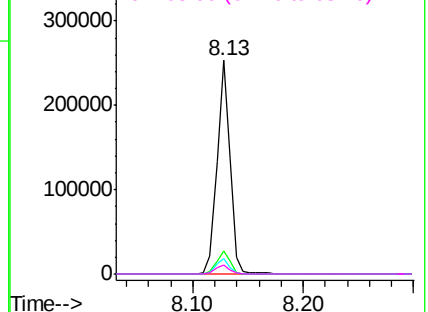


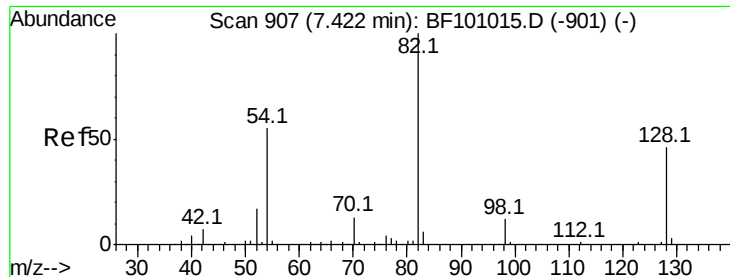
Abundance Ion 136.00 (135.70 to 136.70): E

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

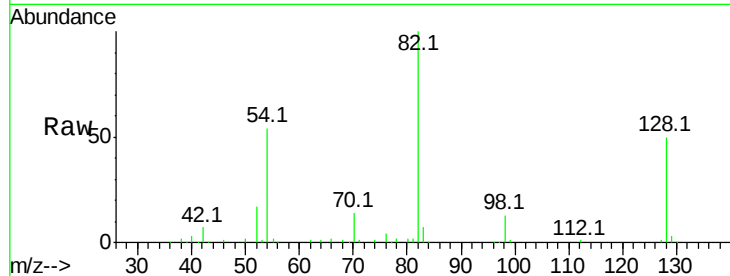




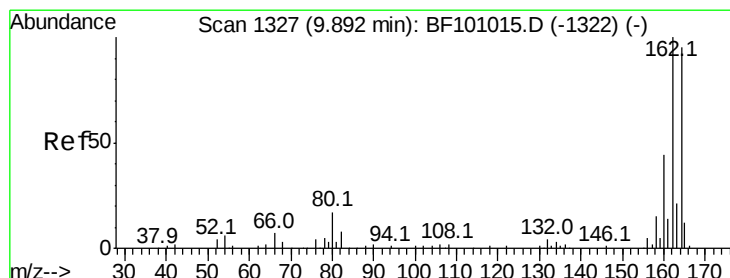
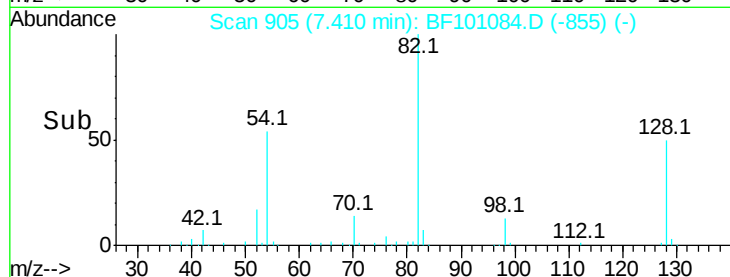
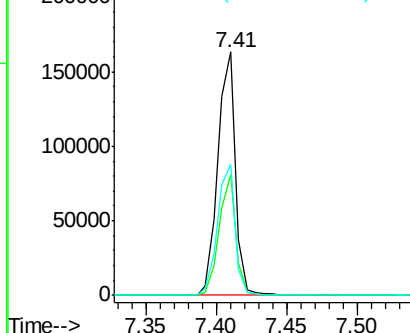
#23
 Nitrobenzene-d5
 Concen: 41.366 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101084.D
 Acq: 2 Dec 2017 1:48

Instrument :
 BNA_F
 ClientSampleId :
 342-VNJ216

Tot Ion: 82 Resp: 141445
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.1 54.1
 54 53.6 41.4 62.2

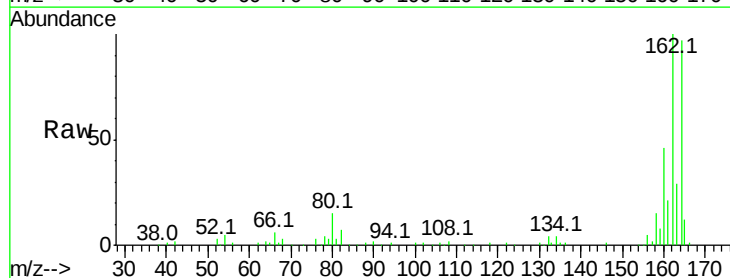


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

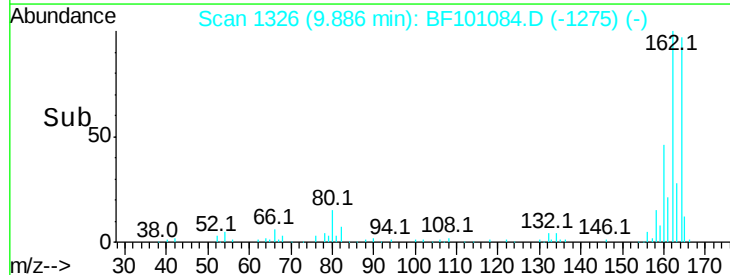
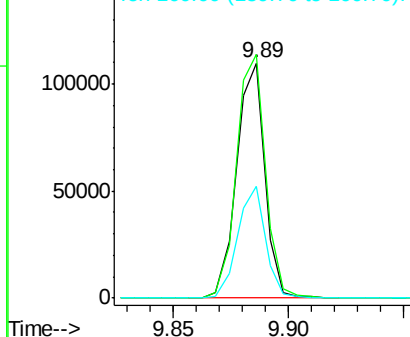


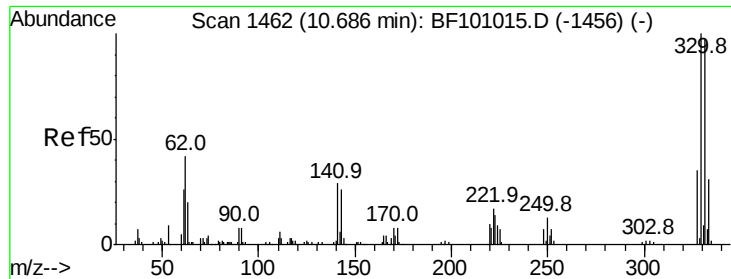
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101084.D
 Acq: 2 Dec 2017 1:48

Tgt Ion: 164 Resp: 93380
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 47.8 38.3 57.5



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

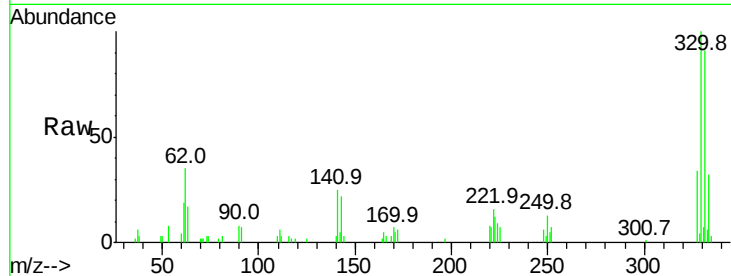




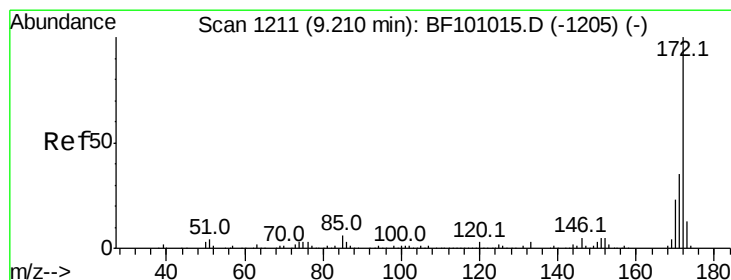
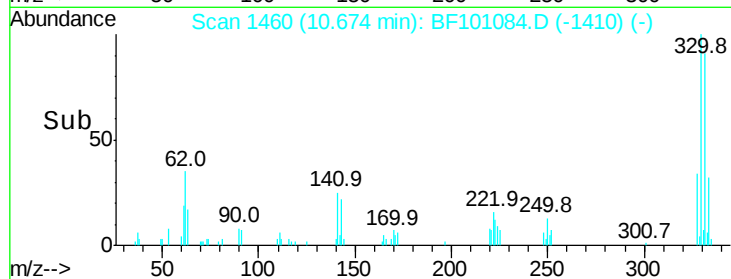
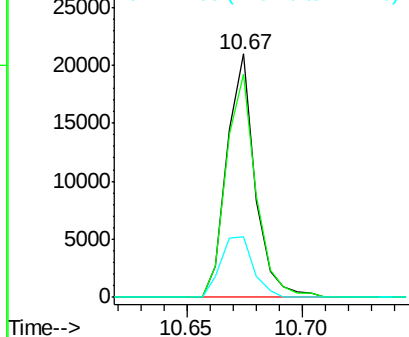
#41
 2,4,6-Tribromophenol
 Concen: 15.833 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101084.D
 Acq: 2 Dec 2017 1:48

Instrument :
 BNA_F
 ClientSampleId :
 342-VNJ216

Tot Ion:330 Resp: 17761
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 28.7 29.9 44.9#

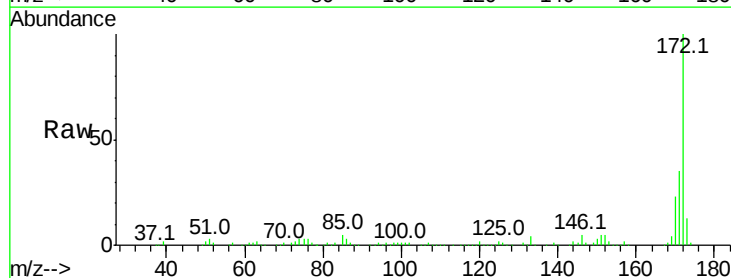


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

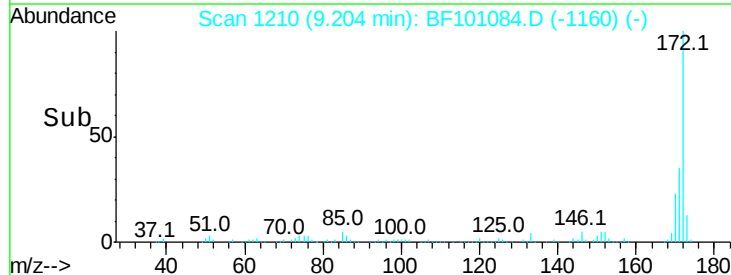
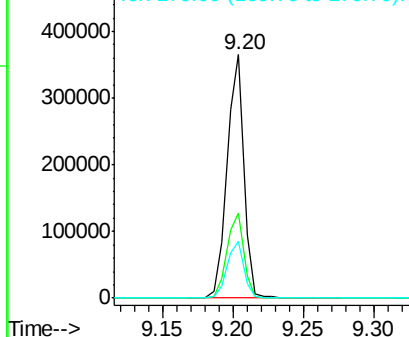


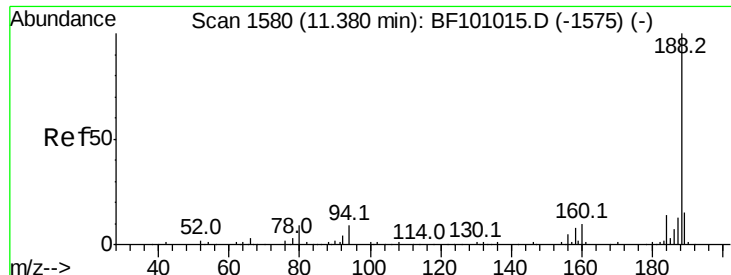
#44
 2-Fluorobiphenyl
 Concen: 43.965 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101084.D
 Acq: 2 Dec 2017 1:48

Tgt Ion:172 Resp: 300065
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.7 44.5
 170 23.4 19.6 29.4



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

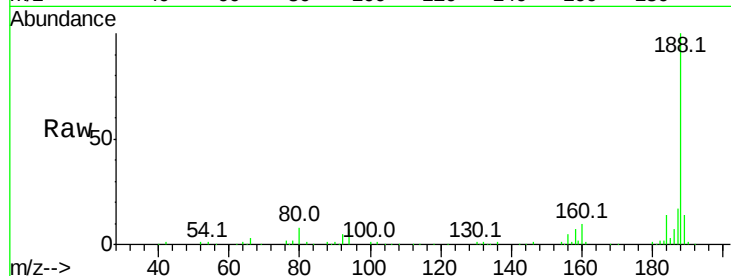




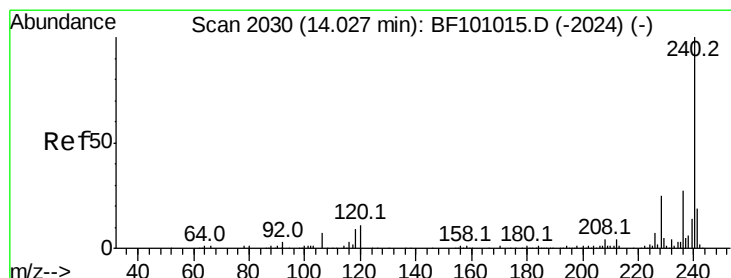
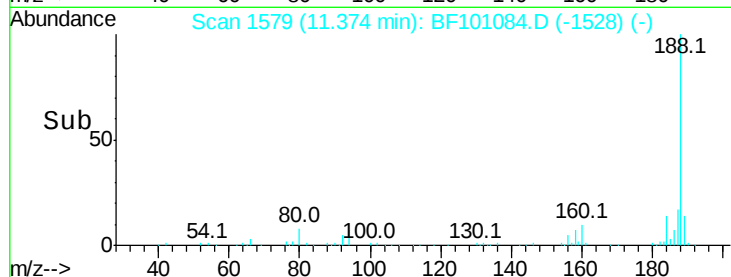
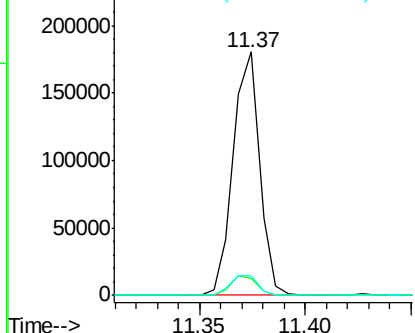
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101084.D
Acq: 2 Dec 2017 1:48

Instrument :
BNA_F
ClientSampleId :
342-VNJ216

Tot Ion:188 Resp: 156255
Ion Ratio Lower Upper
188 100
94 7.2 8.5 12.7#
80 7.8 9.2 13.8#

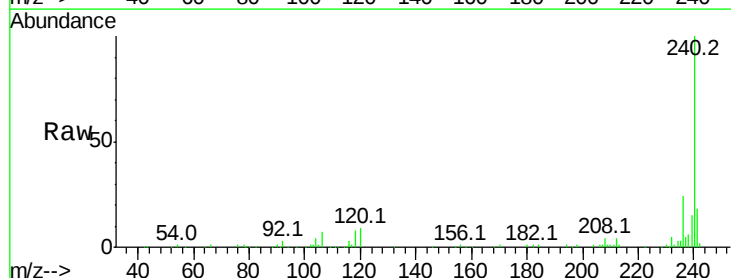


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

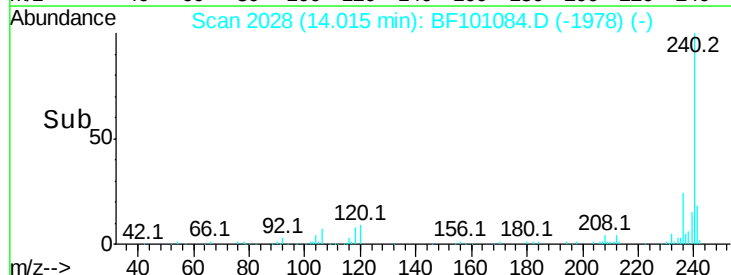
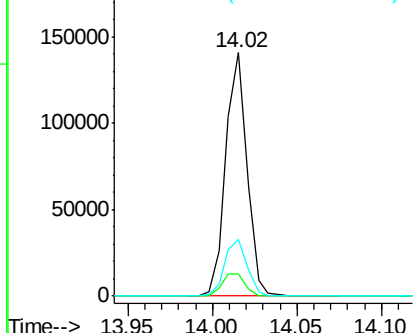


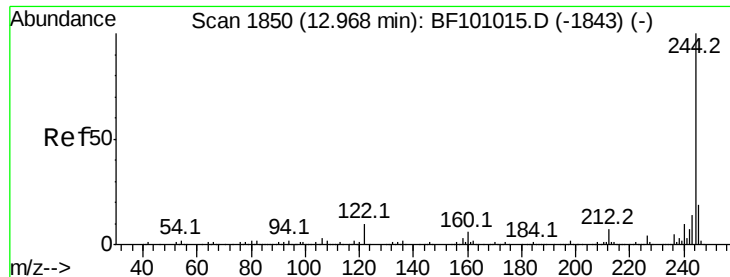
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101084.D
Acq: 2 Dec 2017 1:48

Tgt Ion:240 Resp: 123689
Ion Ratio Lower Upper
240 100
120 9.3 9.5 14.3#
236 23.5 20.7 31.1



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





#78

Terphenyl-d14

Concen: 36.845 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101084.D

Acq: 2 Dec 2017 1:48

Instrument :

BNA_F

ClientSampleId :

342-VNJ216

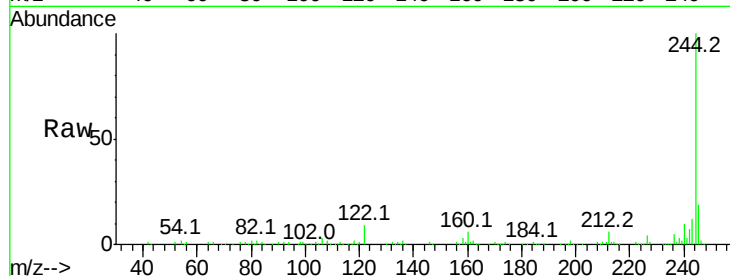
Tot Ion:244 Resp: 208357

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

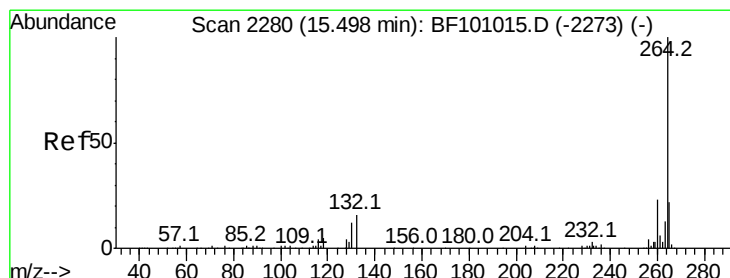
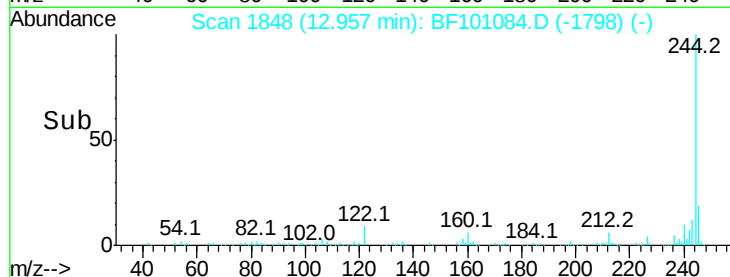
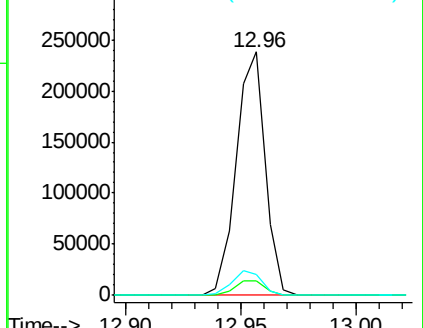
122 8.8 11.0 16.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF101084.D

Acq: 2 Dec 2017 1:48

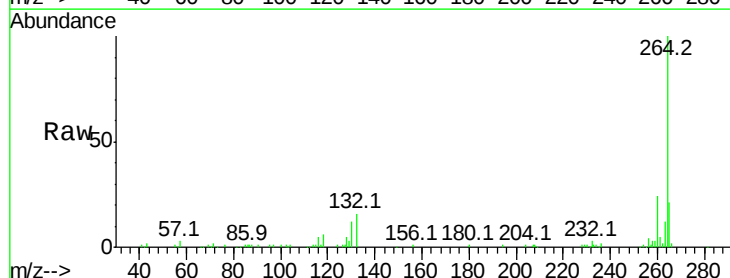
Tgt Ion:264 Resp: 113910

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.8 17.5 26.3



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

