

Data Path : U:\HPCHEM1\BNA F\DATA\BF011718\
 Data File : BF102161.D
 Acq On : 17 Jan 2018 20:20
 Operator : SJ/JU
 Sample : J1152-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LTP-1

Quant Time: Jan 18 03:21:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

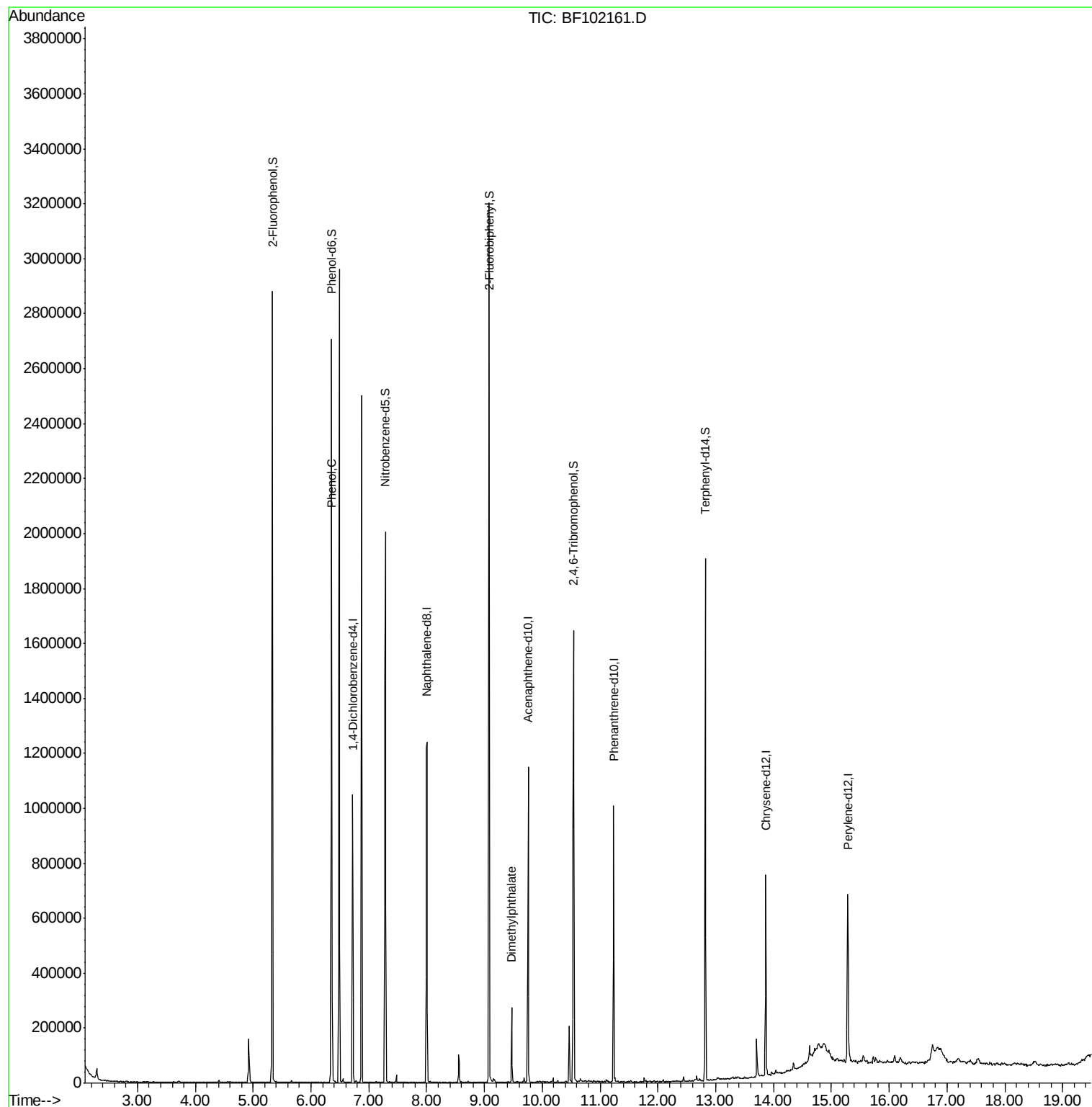
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	145744	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	580156	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	237763	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	334422	20.00	ng	0.00
75) Chrysene-d12	13.87	240	246069	20.00	ng	0.00
86) Perylene-d12	15.29	264	263413	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	827904	80.21	ng	0.01
7) Phenol-d6	6.36	99	979867	79.57	ng	0.00
23) Nitrobenzene-d5	7.29	82	590928	59.86	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	171850	82.82	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	962741	63.26	ng	0.00
78) Terphenyl-d14	12.82	244	586678	49.50	ng	0.00
Target Compounds						
10) Phenol	6.37	94	44078	3.167	ng	99
49) Dimethylphthalate	9.47	163	110026	5.769	ng	98

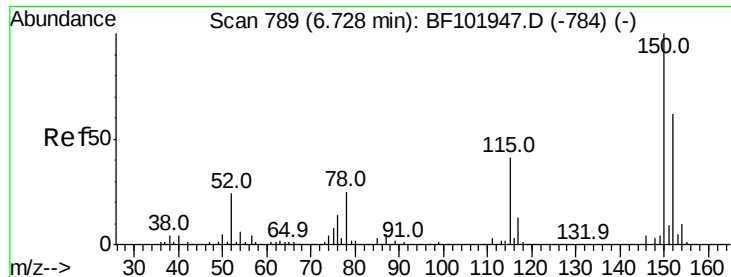
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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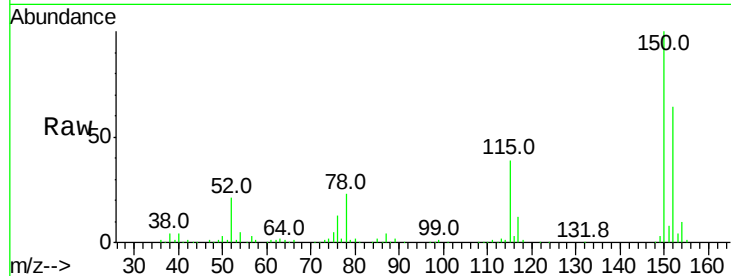


#1

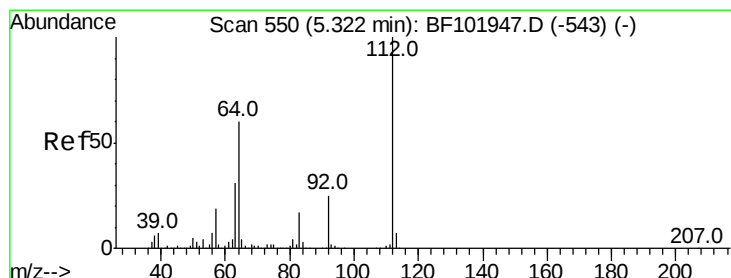
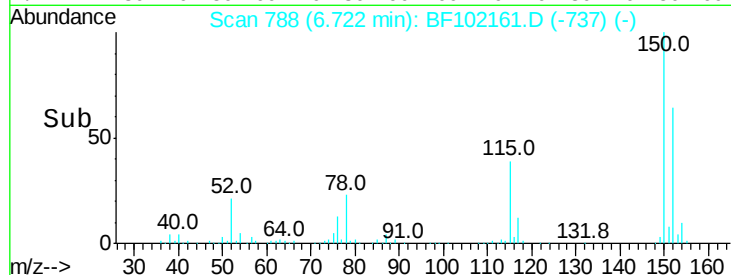
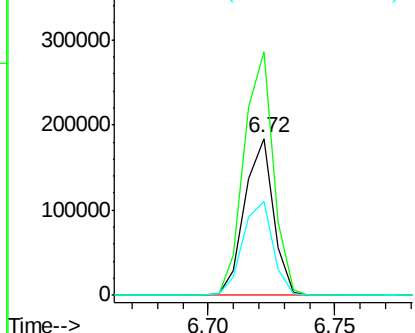
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF102161.D
 Acq: 17 Jan 2018 20:20

Instrument :
 BNA_F
 ClientSampleId :
 LTP-1

Tot Ion:152 Resp: 145744
 Ion Ratio Lower Upper
 152 100
 150 155.1 124.6 186.8
 115 60.0 50.1 75.1



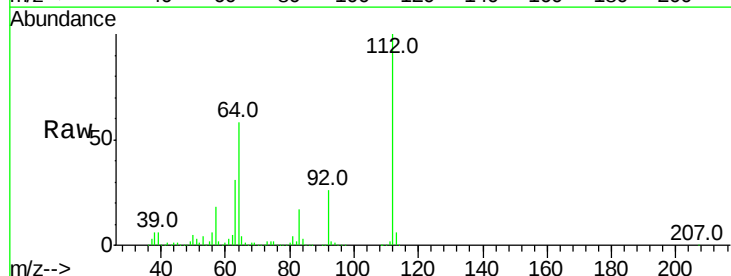
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



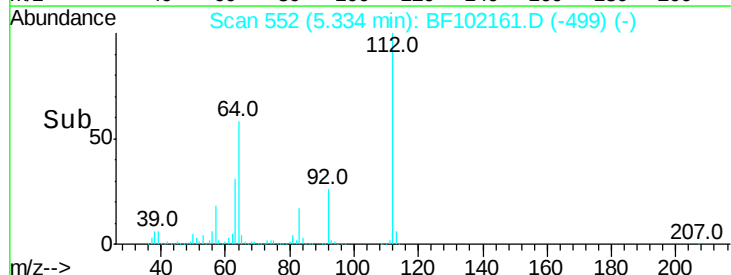
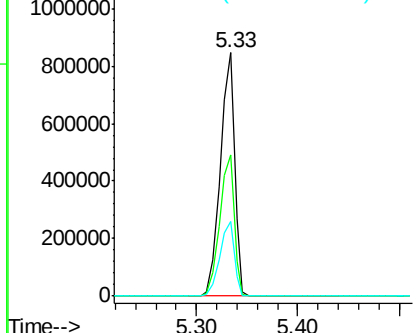
#5

2-Fluorophenol
 Concen: 80.214 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102161.D
 Acq: 17 Jan 2018 20:20

Tgt Ion:112 Resp: 827904
 Ion Ratio Lower Upper
 112 100
 64 58.2 47.9 71.9
 63 30.5 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: 79.572 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF102161.D

Acq: 17 Jan 2018 20:20

Instrument :

BNA_F

ClientSampleId :

LTP-1

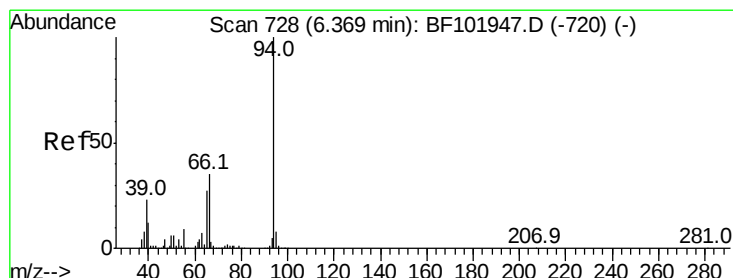
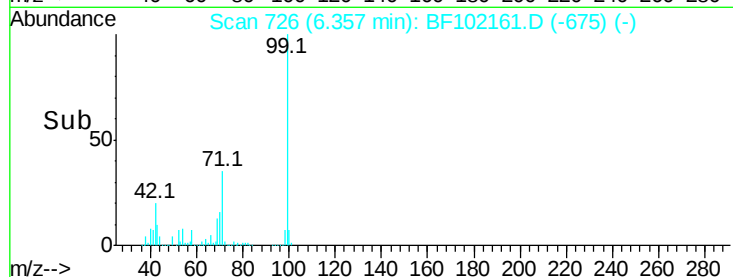
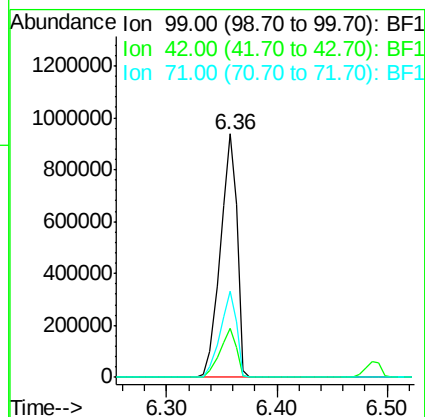
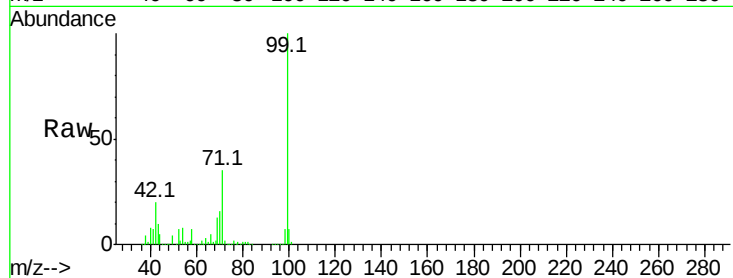
Tot Ion: 99 Resp: 979867

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 35.1 25.4 38.0



#10

Phenol

Concen: 3.167 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102161.D

Acq: 17 Jan 2018 20:20

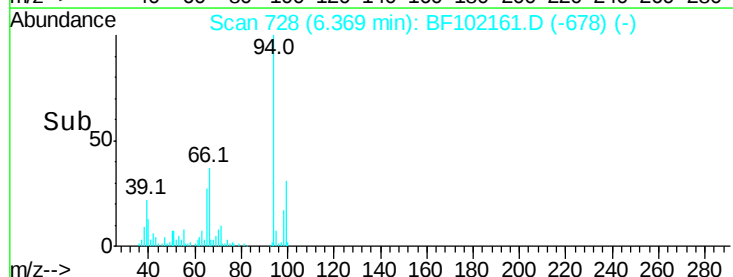
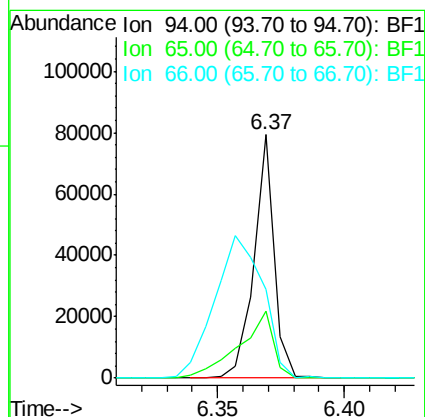
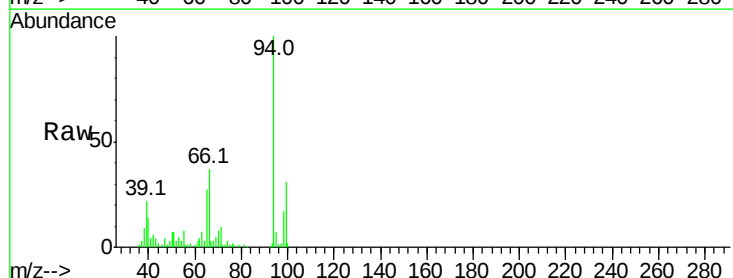
Tgt Ion: 94 Resp: 44078

Ion Ratio Lower Upper

94 100

65 27.5 7.9 47.9

66 36.6 16.2 56.2

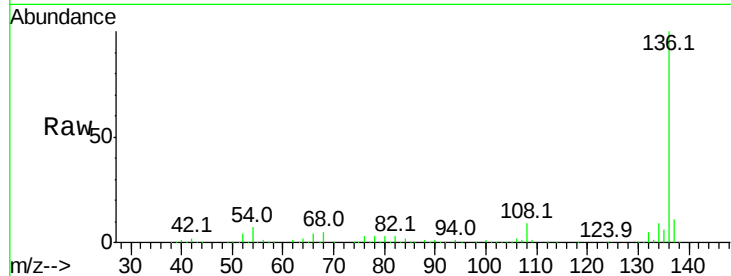




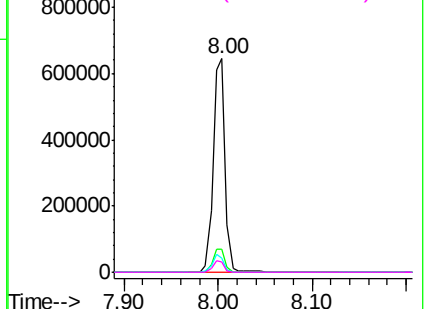
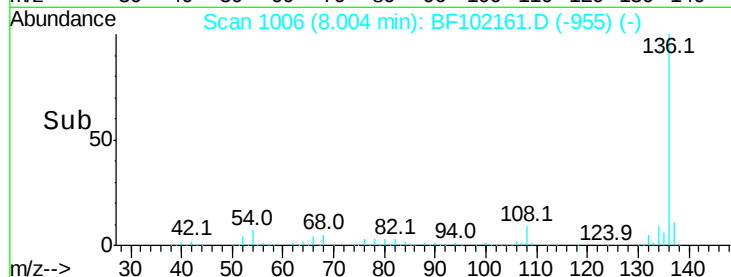
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102161.D
Acq: 17 Jan 2018 20:20

Instrument :
BNA_F
ClientSampled :
LTP-1

Tot Ion:	136	Resp:	580156
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.8	6.6	9.8
68	4.7	5.0	7.4#

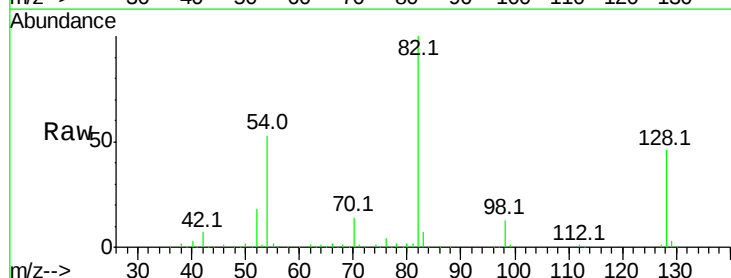


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

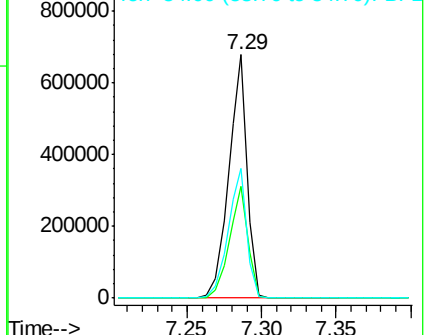
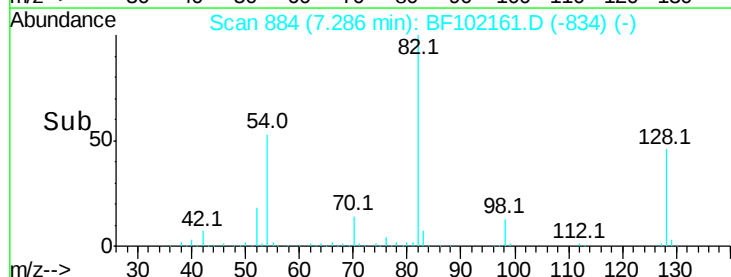


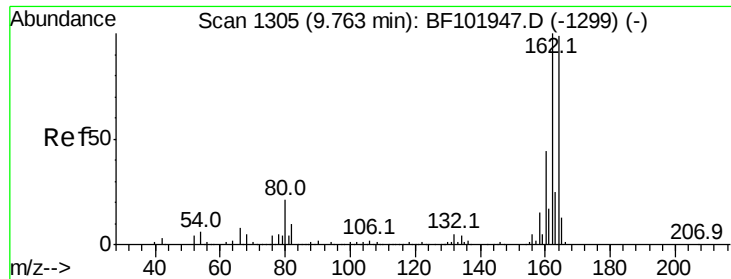
#23
Nitrobenzene-d5
Concen: 59.855 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102161.D
Acq: 17 Jan 2018 20:20

Tgt Ion:	82	Resp:	590928
Ion	Ratio	Lower	Upper
82	100		
128	45.9	36.1	54.1
54	53.1	41.4	62.2



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

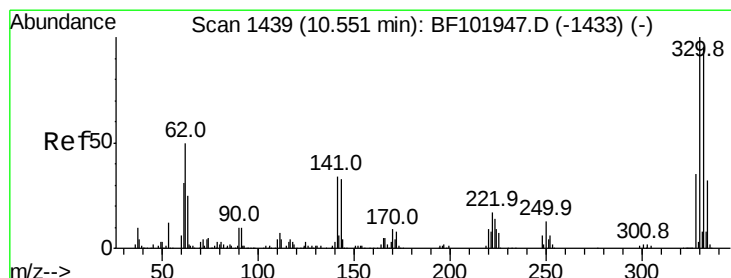
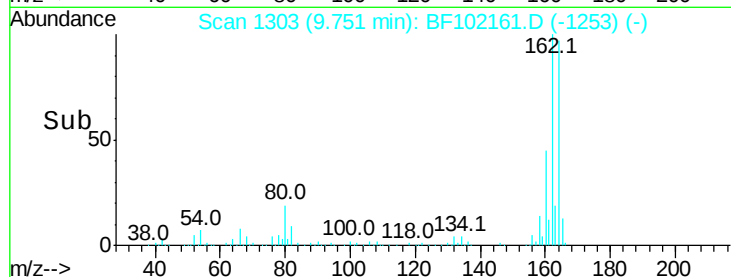
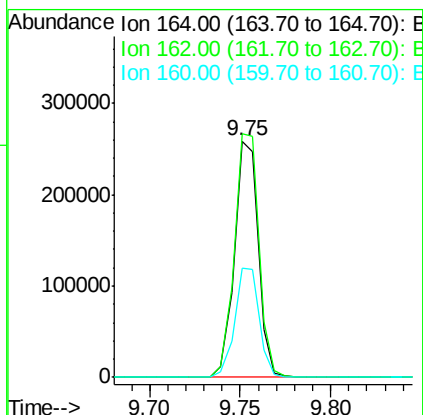
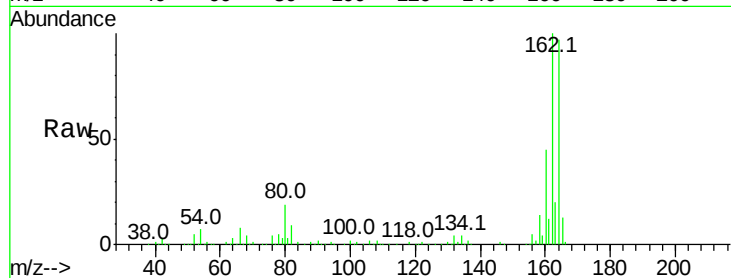




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102161.D
 Acq: 17 Jan 2018 20:20

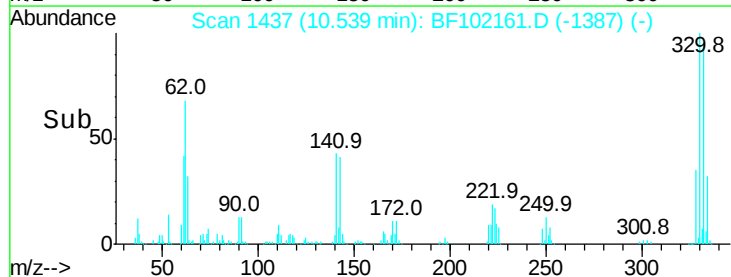
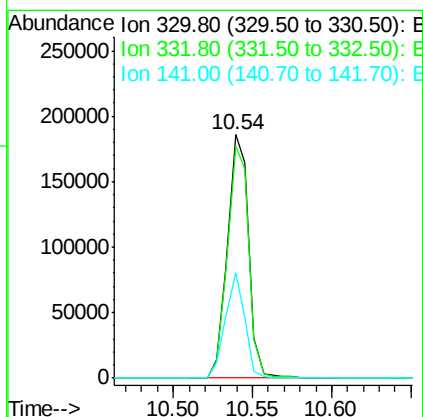
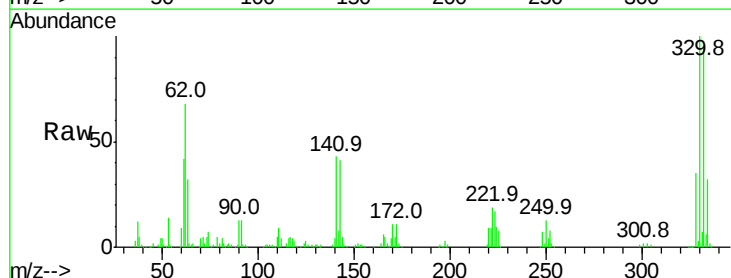
Instrument :
 BNA_F
 ClientSampleId :
 LTP-1

Tot Ion:164 Resp: 237763
 Ion Ratio Lower Upper
 164 100
 162 103.1 86.1 129.1
 160 46.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 82.822 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102161.D
 Acq: 17 Jan 2018 20:20

Tgt Ion:330 Resp: 171850
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 39.6 29.9 44.9

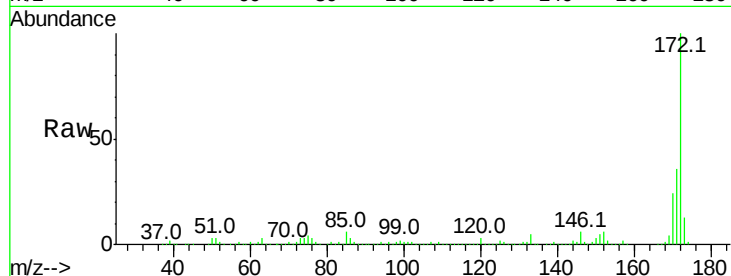




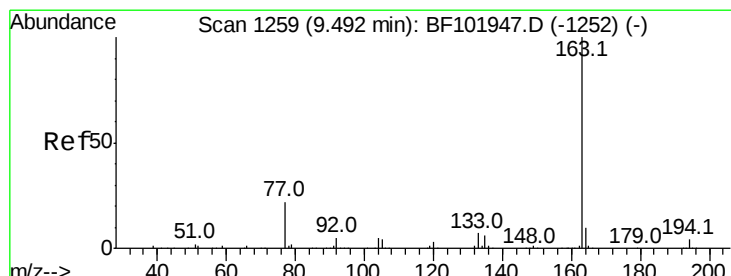
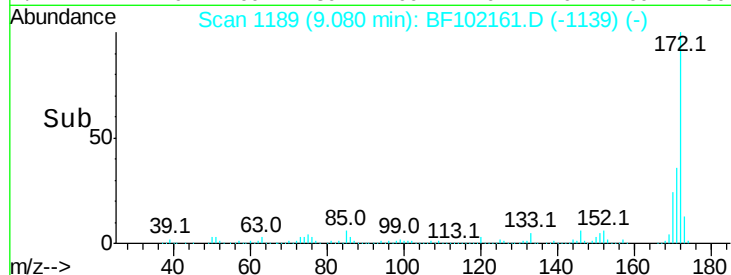
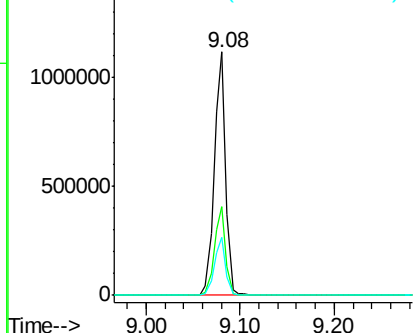
#44
2-Fluorobiphenyl
Concen: 63.259 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102161.D
Acq: 17 Jan 2018 20:20

Instrument :
BNA_F
ClientSampled :
LTP-1

Tot Ion:172 Resp: 962741
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 23.6 19.6 29.4

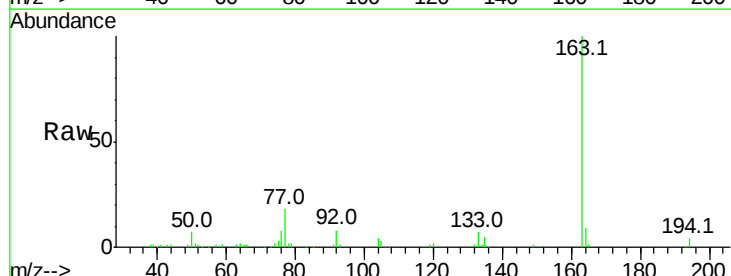


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

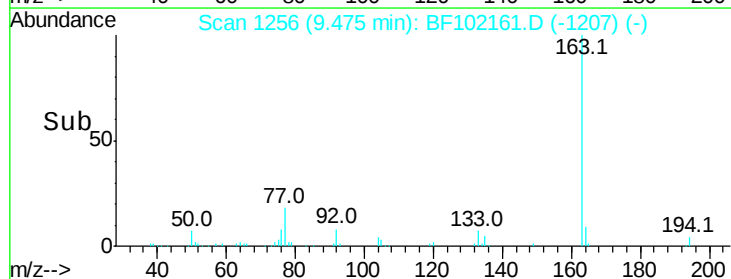
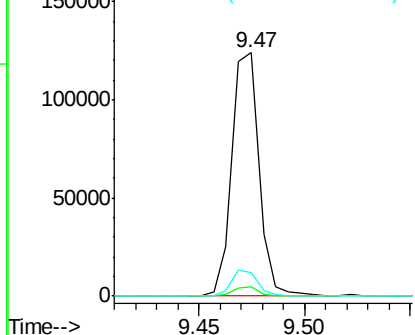


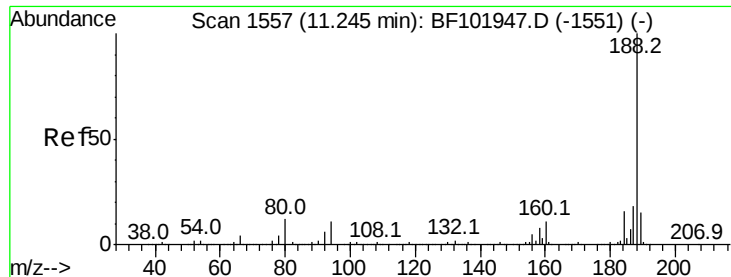
#49
Dimethylphthalate
Concen: 5.769 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF102161.D
Acq: 17 Jan 2018 20:20

Tgt Ion:163 Resp: 110026
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.5 8.2 12.2



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF102161.D

Acq: 17 Jan 2018 20:20

Instrument :

BNA_F

ClientSampleId :

LTP-1

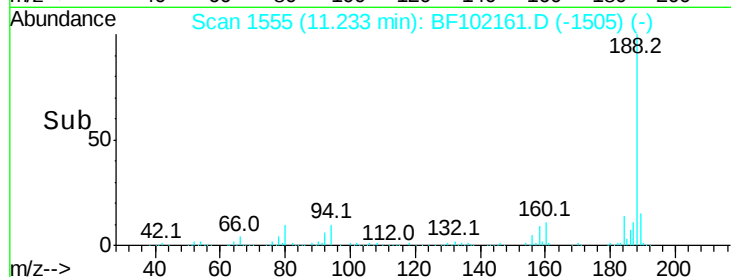
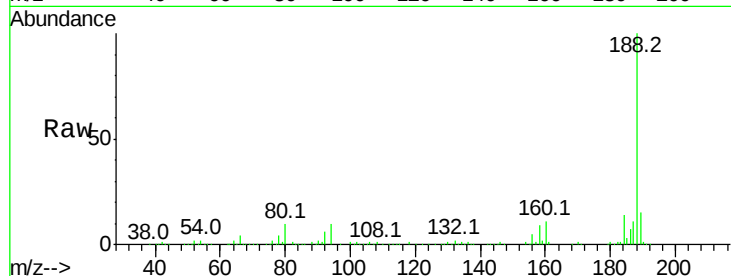
Tot Ion:188 Resp: 334422

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

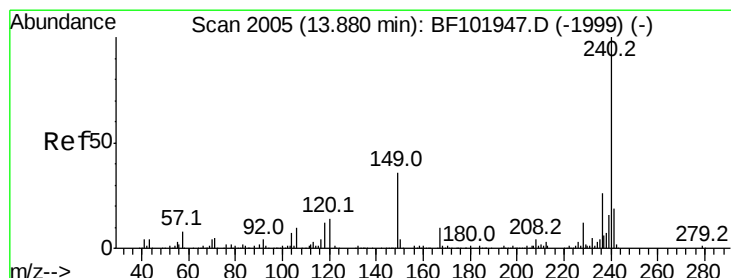
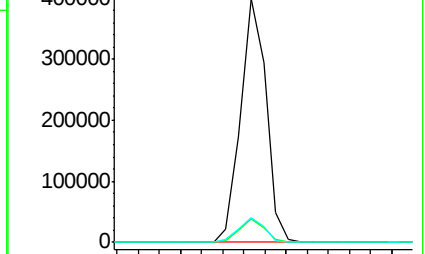
80 10.2 9.2 13.8



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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102161.D

Acq: 17 Jan 2018 20:20

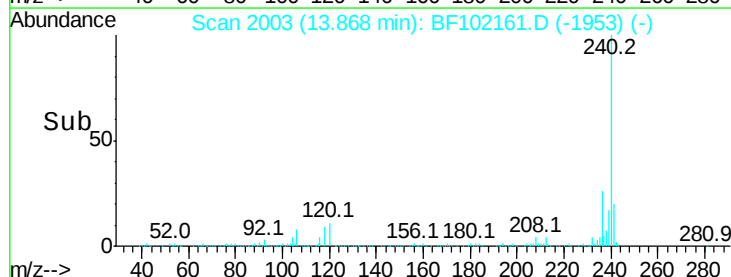
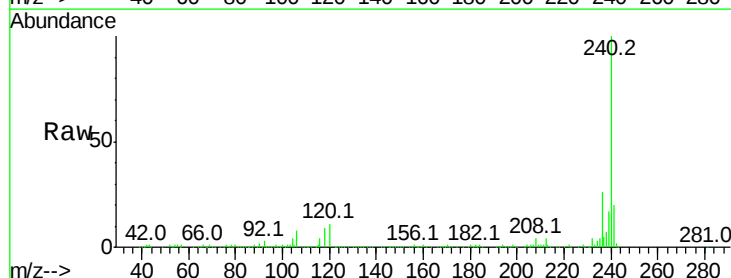
Tgt Ion:240 Resp: 246069

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

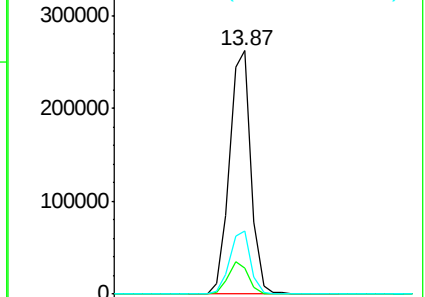
236 26.1 20.7 31.1



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



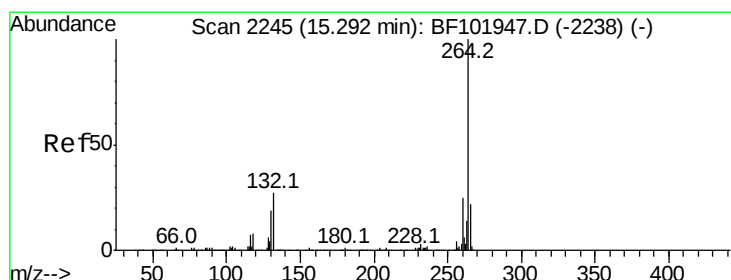
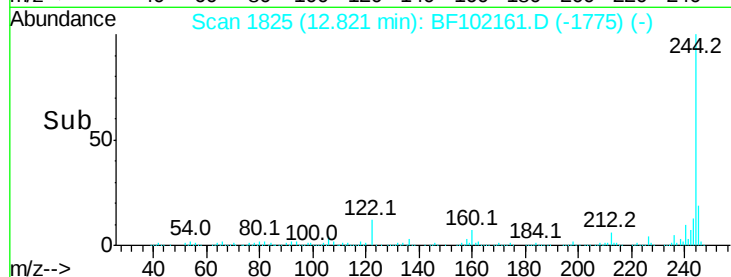
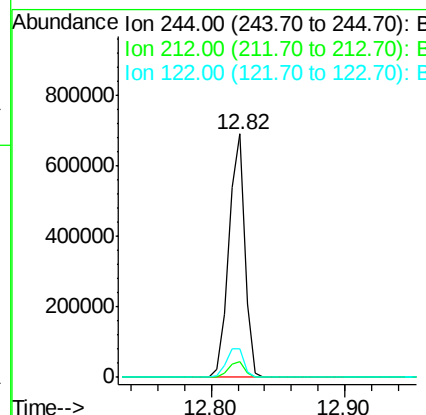
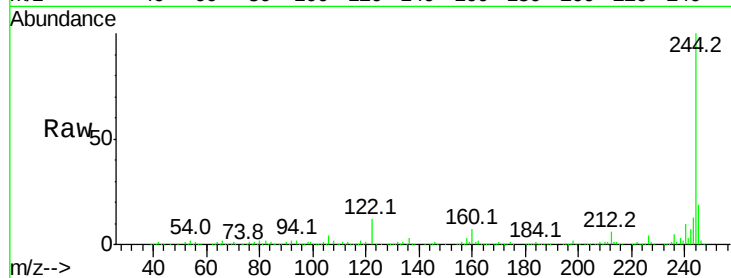


#78
 Terphenyl-d14
 Concen: 49.502 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102161.D
 Acq: 17 Jan 2018 20:20

Instrument :
 BNA_F
 ClientSampleId :
 LTP-1

Tot Ion:244 Resp: 586678

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	11.6	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF102161.D
 Acq: 17 Jan 2018 20:20

Tgt Ion:264 Resp: 263413

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.6	17.5	26.3

