

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101149.D
 Acq On : 6 Dec 2017 3:20
 Operator : SJ/JU
 Sample : I6702-08
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 06 04:12:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

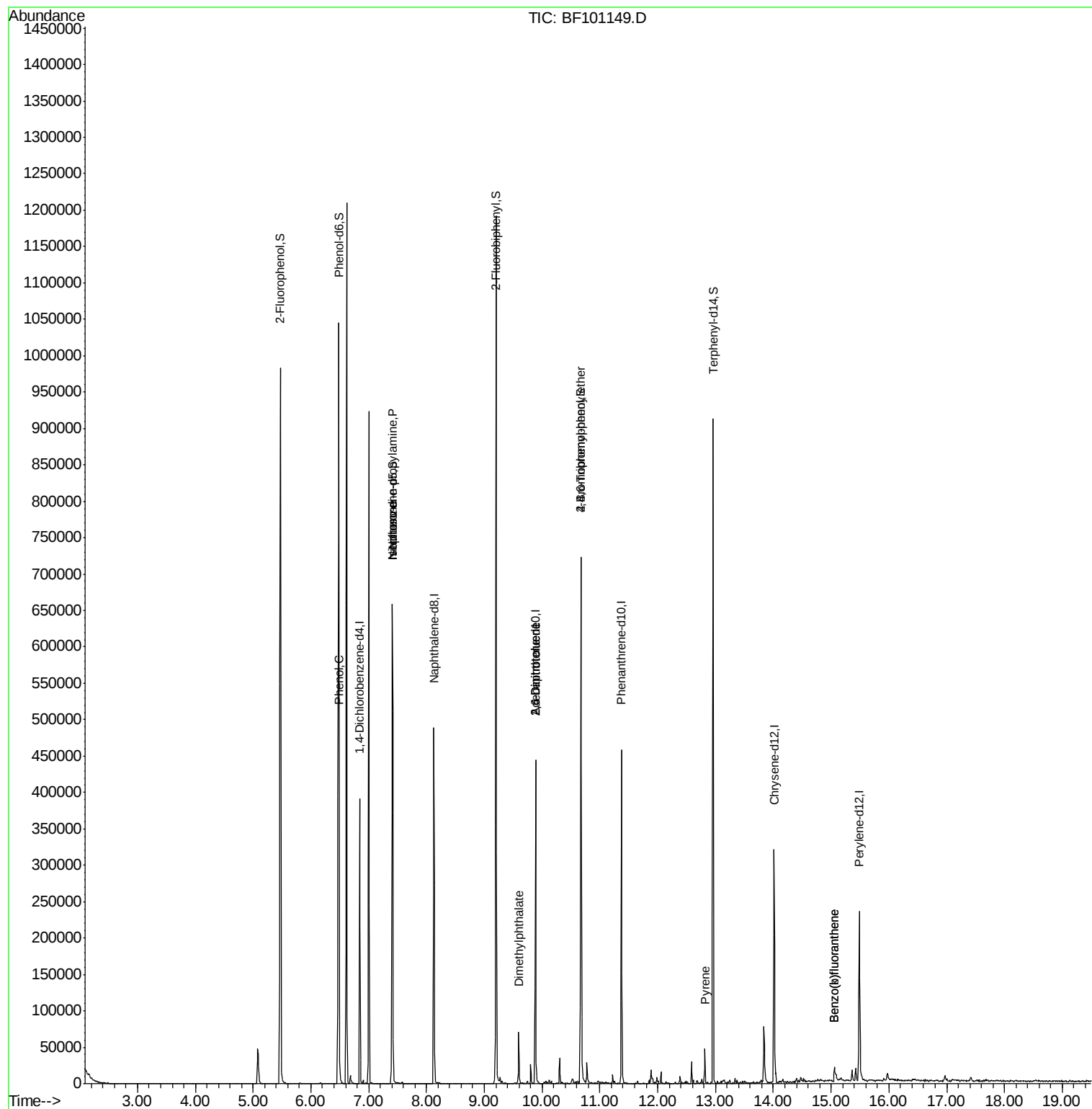
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	54829	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	212954	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	94325	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	171268	20.00	ng	0.00
75) Chrysene-d12	14.02	240	106359	20.00	ng	0.00
86) Perylene-d12	15.49	264	113624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	294102	88.64	ng	0.00
7) Phenol-d6	6.48	99	351594	87.28	ng	0.00
23) Nitrobenzene-d5	7.41	82	215666	60.41	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	91859	81.07	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	395455	57.36	ng	0.00
78) Terphenyl-d14	12.96	244	297047	61.09	ng	0.00
Target Compounds						
10) Phenol	6.49	94	12966	2.895	ng	97
19) n-Nitroso-di-n-propylamine	7.41	70	28378	10.460	ng	# 82
25) Isophorone	7.41	82	215663	35.368	ng	# 64
49) Dimethylphthalate	9.60	163	34276	4.506	ng	98
50) 2,6-Dinitrotoluene	9.88	165	11778	7.351	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	11778	5.485	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	5615	2.929	ng	# 1
77) Pyrene	12.82	202	18523	2.524	ng	95
87) Benzo(b)fluoranthene	15.06	252	14581	2.142	ng	97
88) Benzo(k)fluoranthene	15.06	252	14581	2.175	ng	97

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

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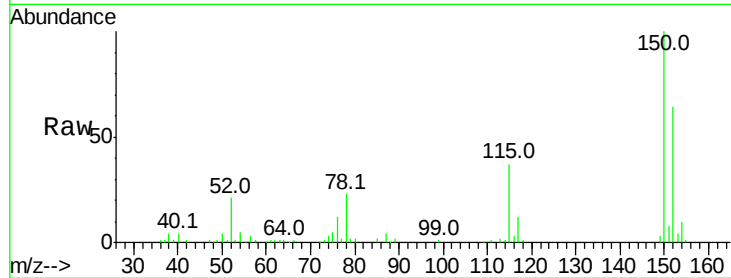


#1

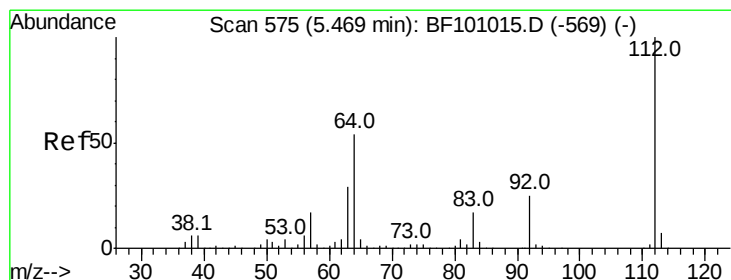
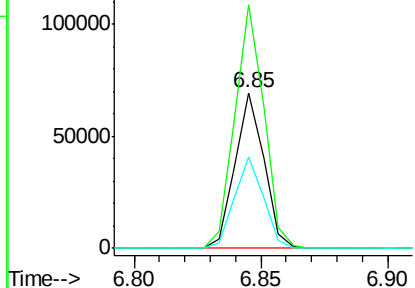
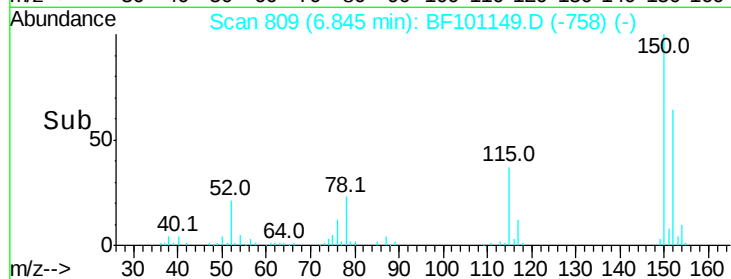
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 54829
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 58.6 50.1 75.1



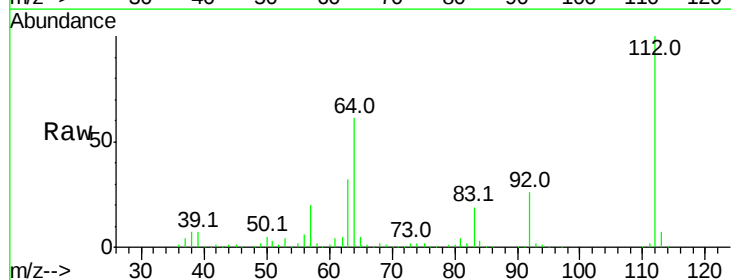
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



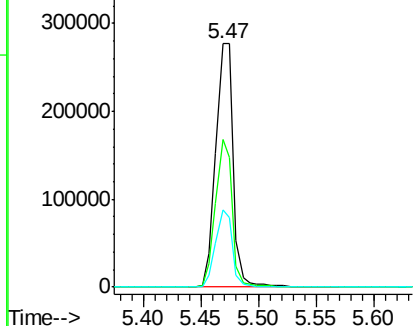
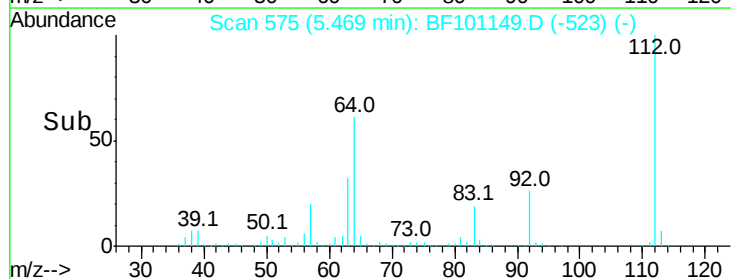
#5

2-Fluorophenol
Concen: 88.637 ng
RT: 5.47 min Scan# 575
Delta R.T. 0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion:112 Resp: 294102
Ion Ratio Lower Upper
112 100
64 60.6 47.9 71.9
63 31.9 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: 87.278 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF101149.D

Acq: 6 Dec 2017 3:20

Instrument :

BNA_F

ClientSampled :

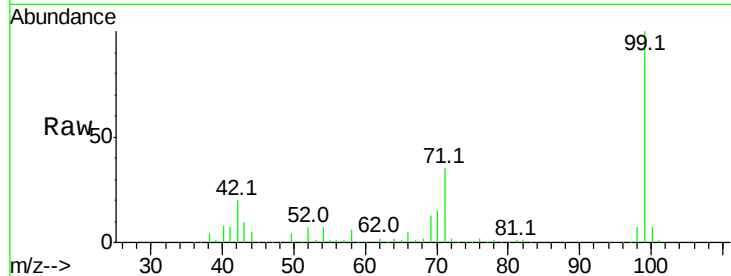
Tot Ion: 99 Resp: 351594

Ion Ratio Lower Upper

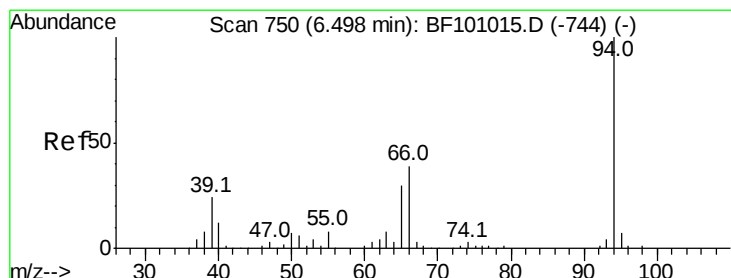
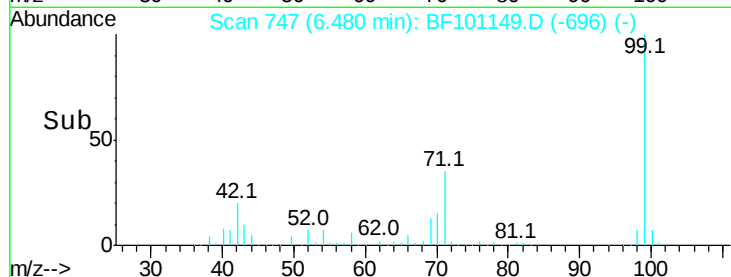
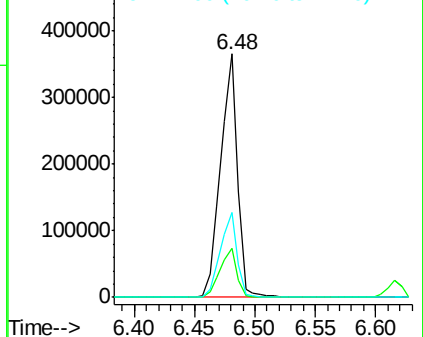
99 100

42 20.1 14.5 21.7

71 35.0 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



#10

Phenol

Concen: 2.895 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF101149.D

Acq: 6 Dec 2017 3:20

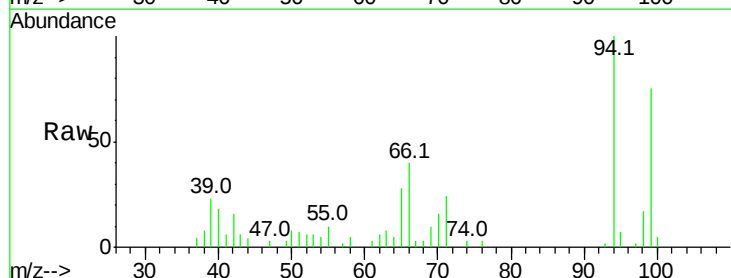
Tgt Ion: 94 Resp: 12966

Ion Ratio Lower Upper

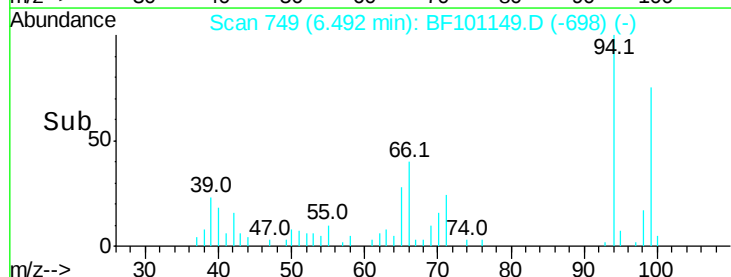
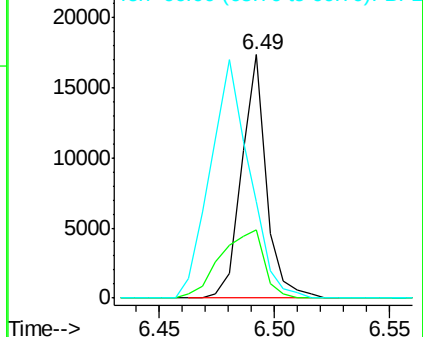
94 100

65 27.9 7.9 47.9

66 39.7 16.2 56.2



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

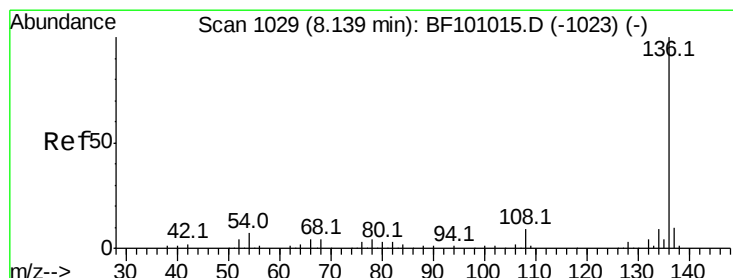
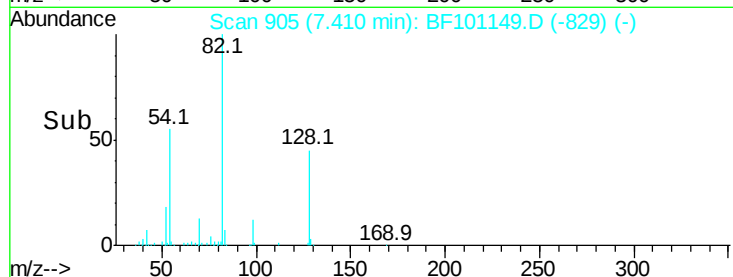
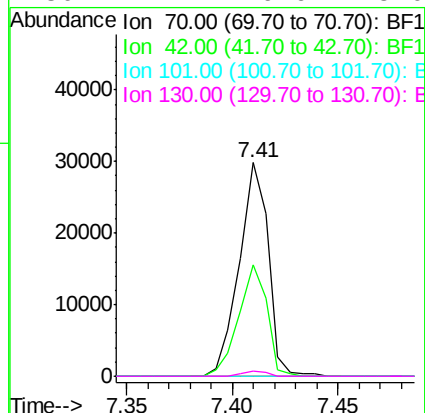
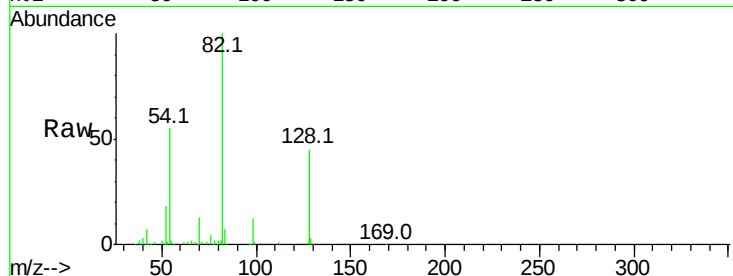




#19
n-Nitroso-di-n-propylamine
Concen: 10.460 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

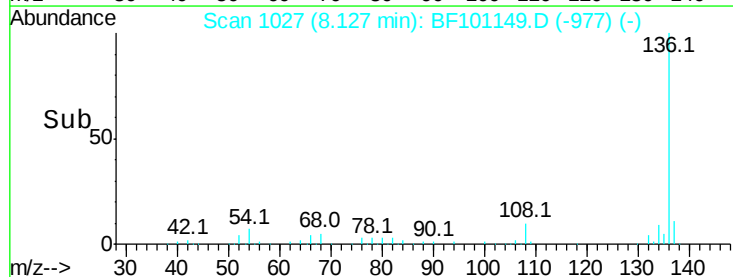
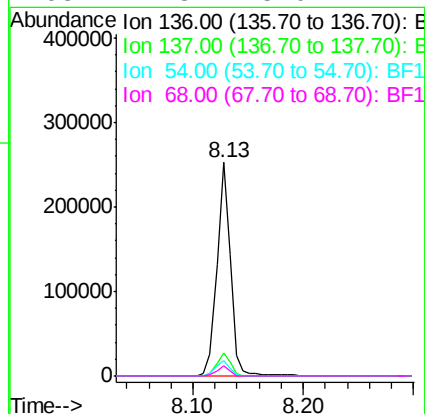
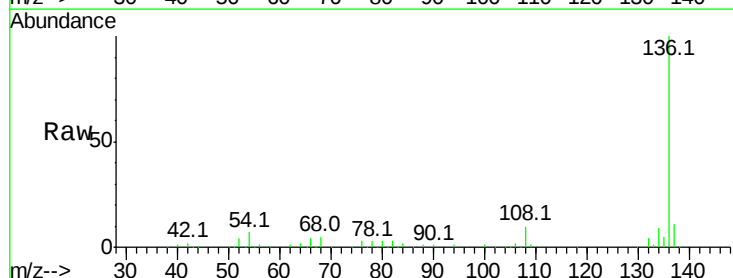
Instrument :
BNA_F
ClientSampleId :

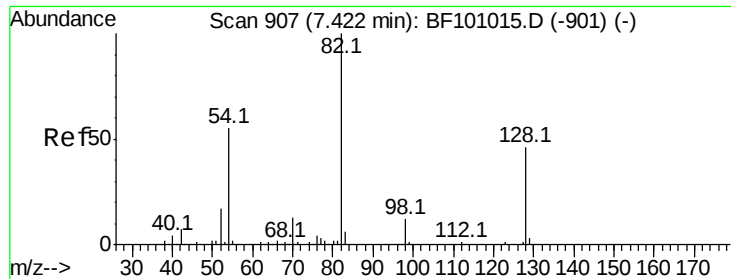
Tot Ion: 70 Resp: 28378
Ion Ratio Lower Upper
70 100
42 52.1 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion:136 Resp: 212954
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.4 6.6 9.8
68 4.8 5.0 7.4#

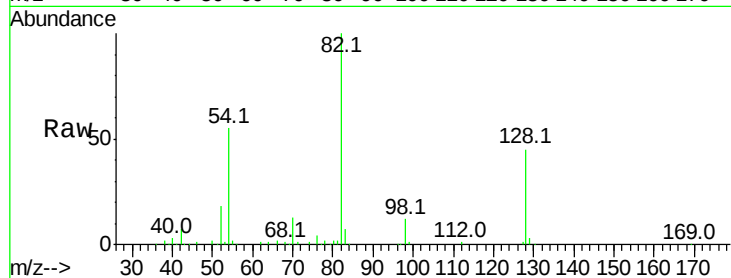




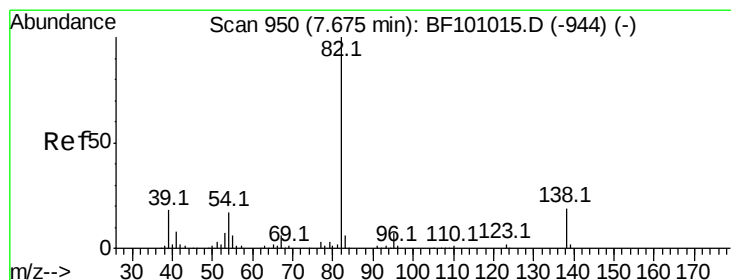
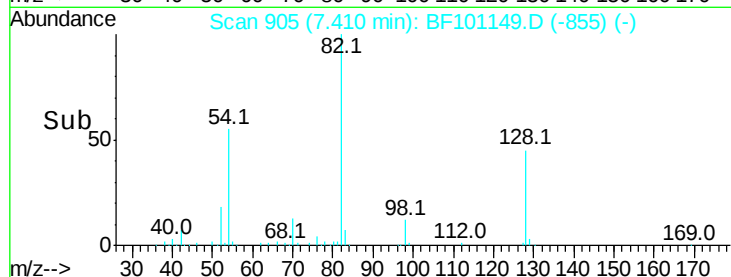
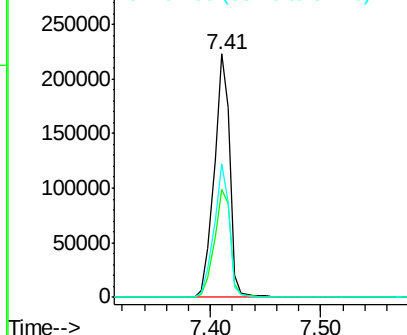
#23
 Nitrobenzene-d5
 Concen: 60.413 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101149.D
 Acq: 6 Dec 2017 3:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 215666
 Ion Ratio Lower Upper
 82 100
 128 44.5 36.1 54.1
 54 54.7 41.4 62.2

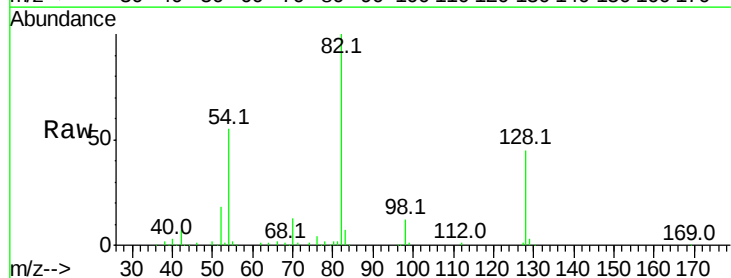


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

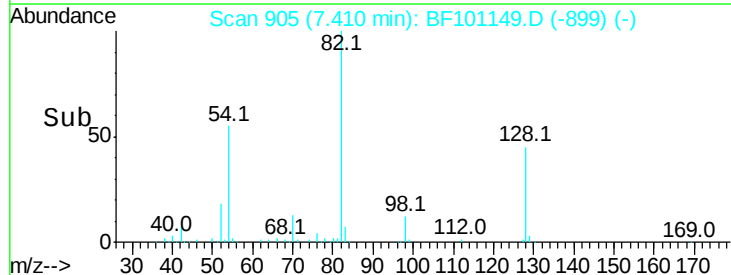
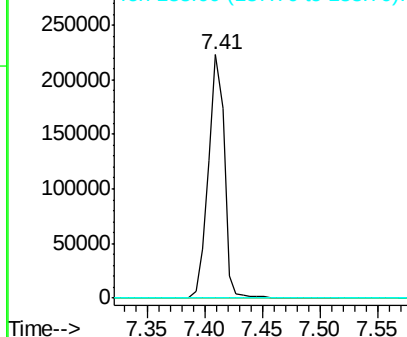


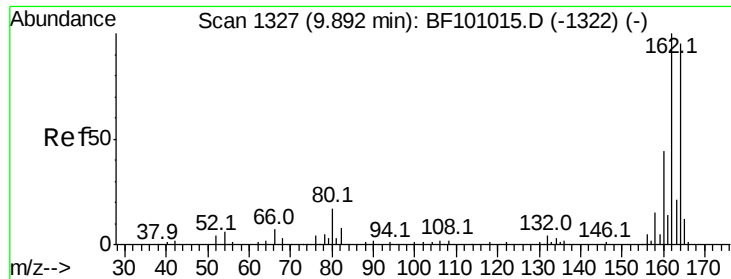
#25
 Isophorone
 Concen: 35.368 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.26 min
 Lab File: BF101149.D
 Acq: 6 Dec 2017 3:20

Tgt Ion: 82 Resp: 215663
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

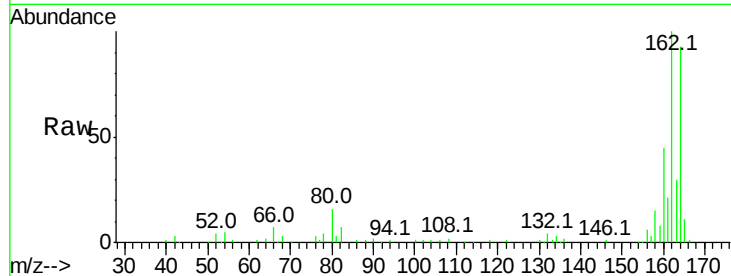




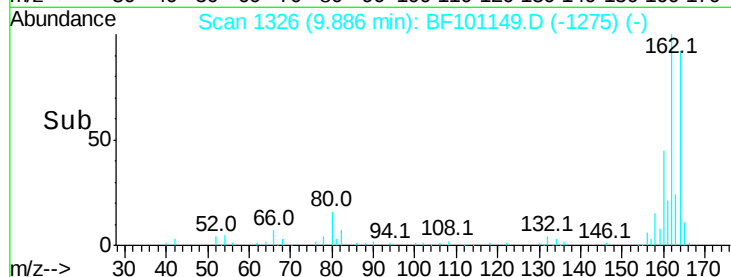
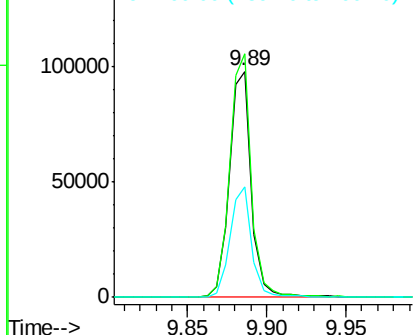
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101149.D
 Acq: 6 Dec 2017 3:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 94325
 Ion Ratio Lower Upper
 164 100
 162 107.6 86.1 129.1
 160 49.0 38.3 57.5

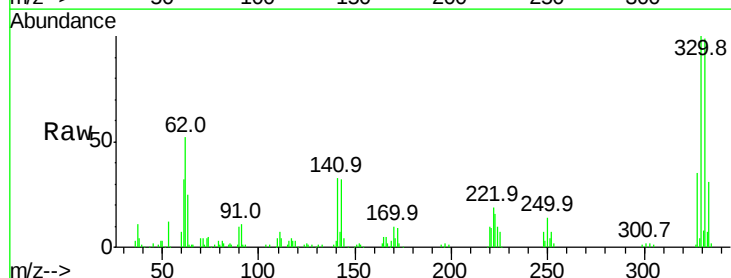


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

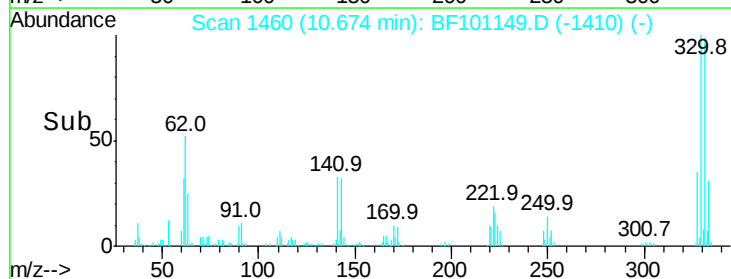
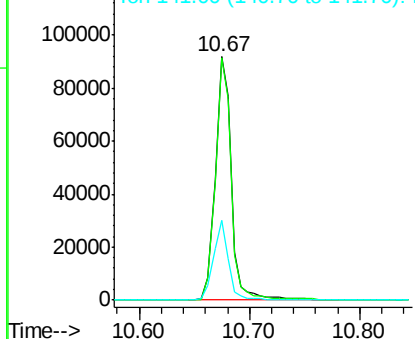


#41
 2,4,6-Tribromophenol
 Concen: 81.068 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101149.D
 Acq: 6 Dec 2017 3:20

Tgt Ion:330 Resp: 91859
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 29.6 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

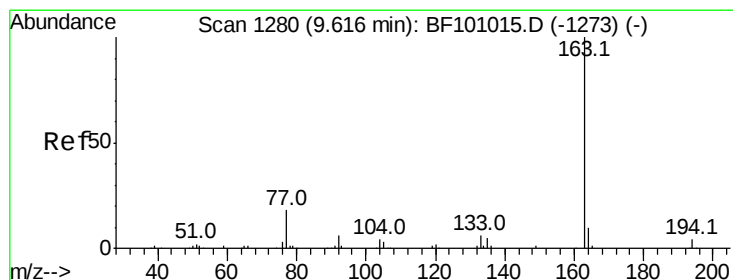
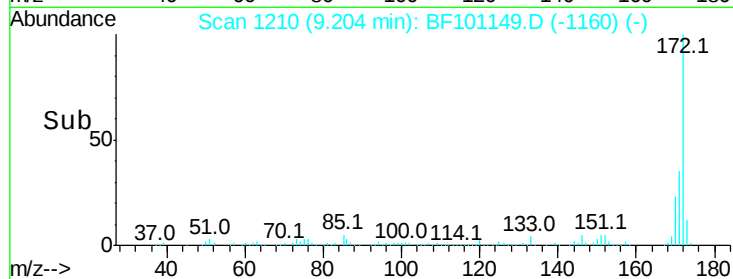
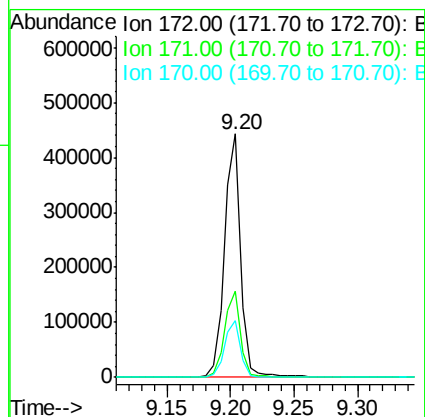
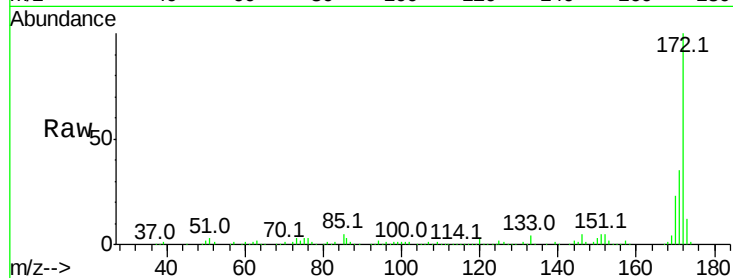




#44
 2-Fluorobiphenyl
 Concen: 57.361 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101149.D
 Acq: 6 Dec 2017 3:20

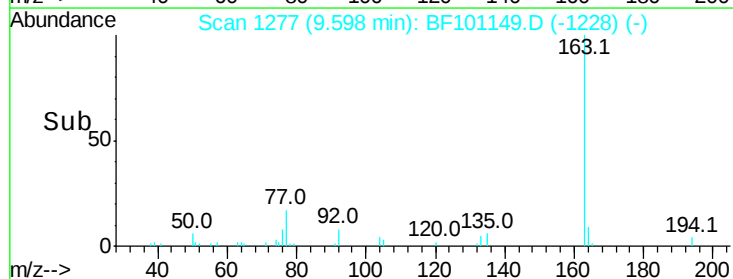
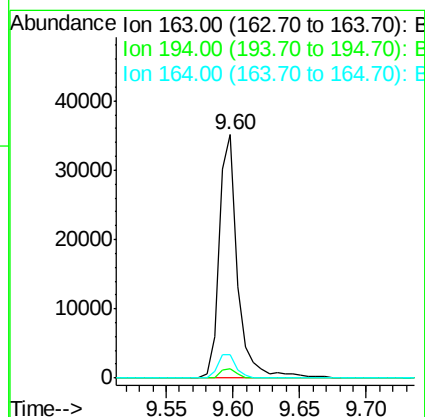
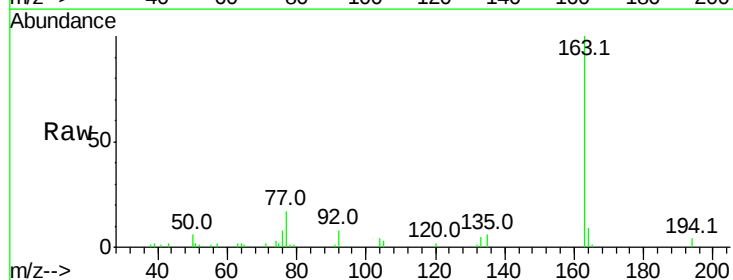
Instrument :
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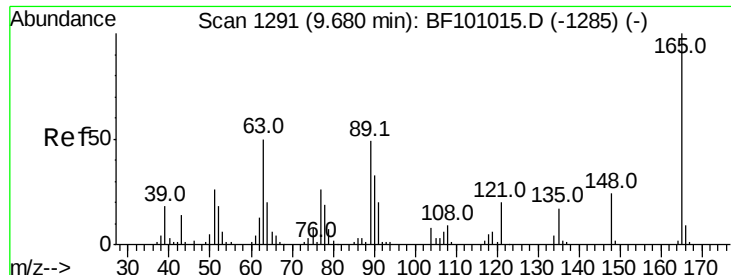
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.7	44.5
170	23.4	19.6	29.4



#49
 Dimethylphthalate
 Concen: 4.506 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF101149.D
 Acq: 6 Dec 2017 3:20

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

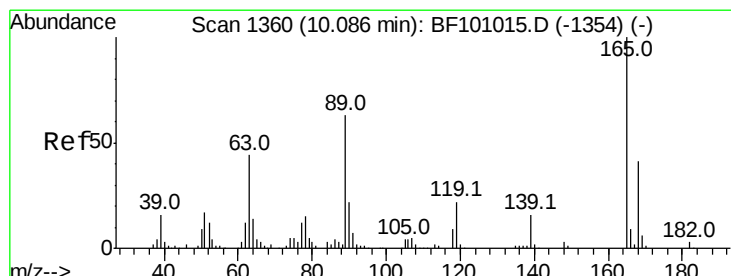
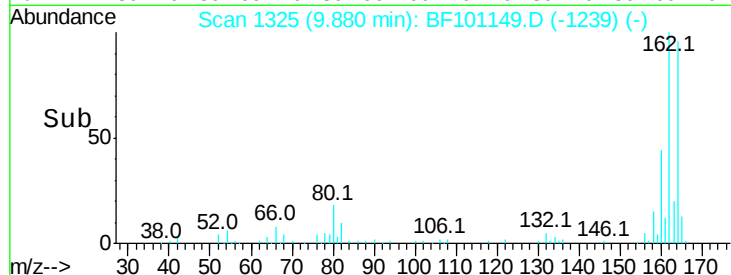
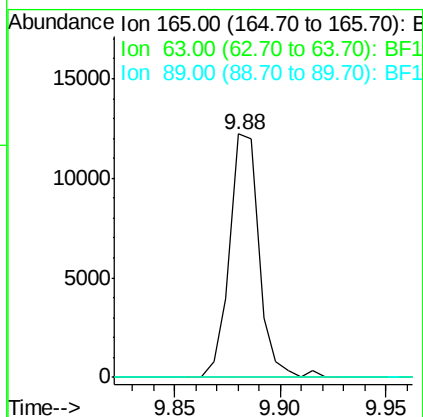
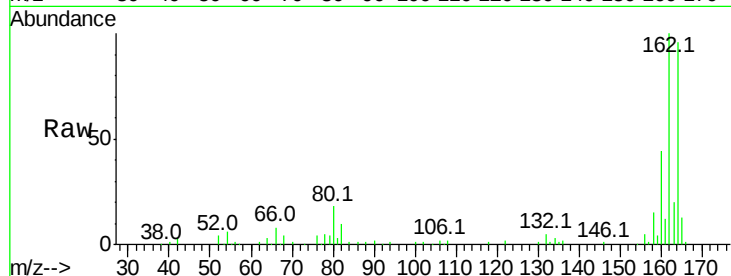




#50
 2,6-Dinitrotoluene
 Concen: 7.351 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101149.D
 Acq: 6 Dec 2017 3:20

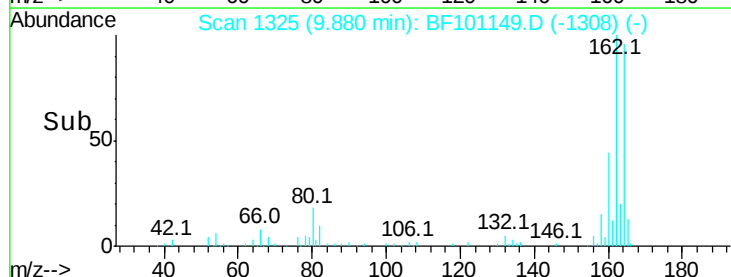
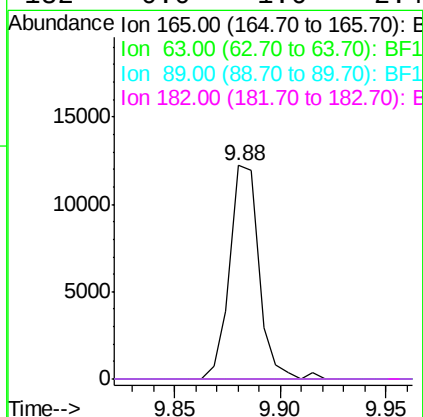
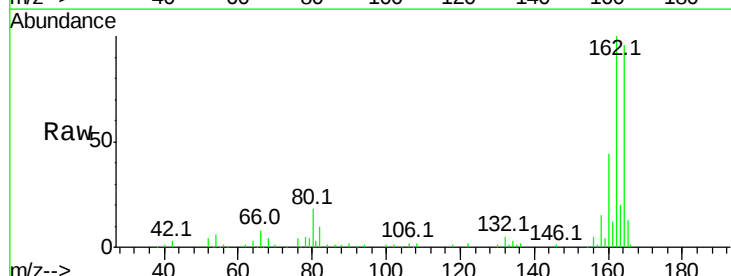
Instrument :
 BNA_F
 ClientSampleId :

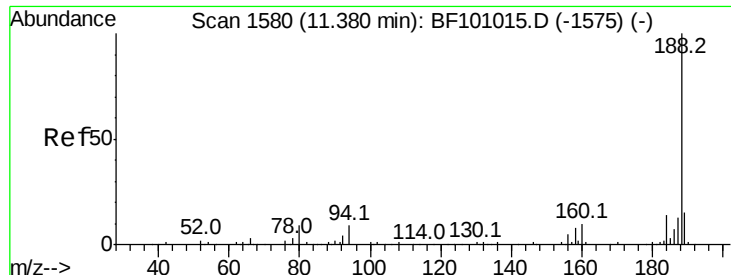
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.485 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101149.D
 Acq: 6 Dec 2017 3:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

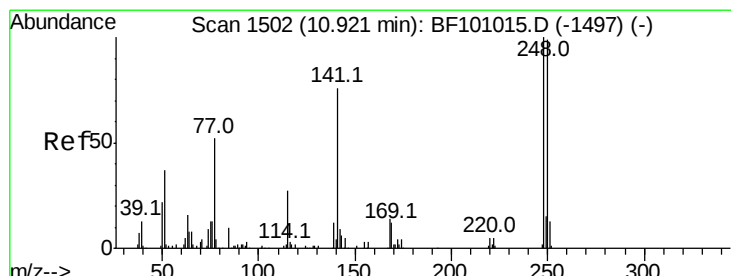
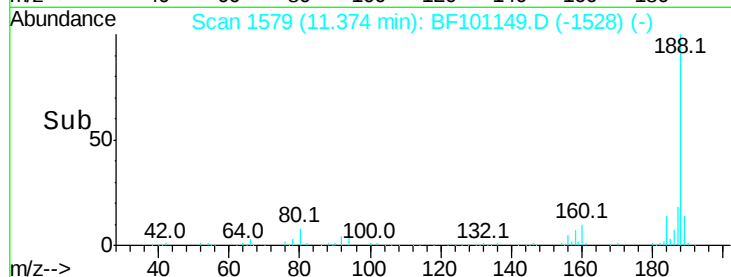
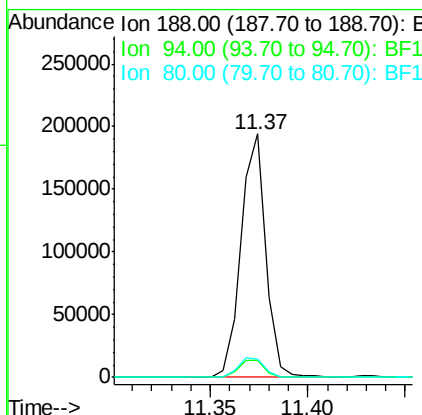
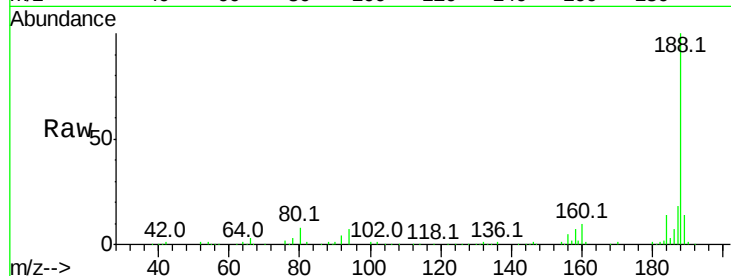




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF101149.D
 Acq: 6 Dec 2017 3:20

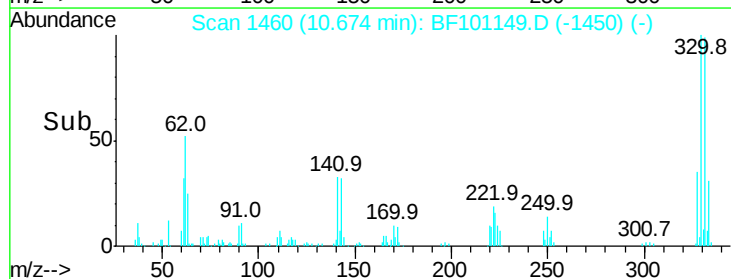
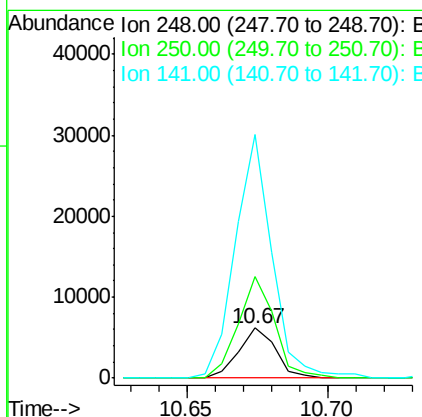
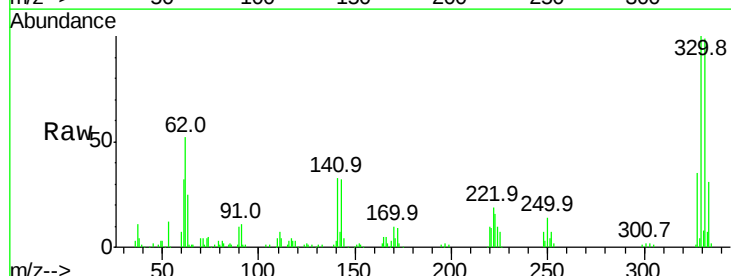
Instrument :
 BNA_F
 ClientSampleId :

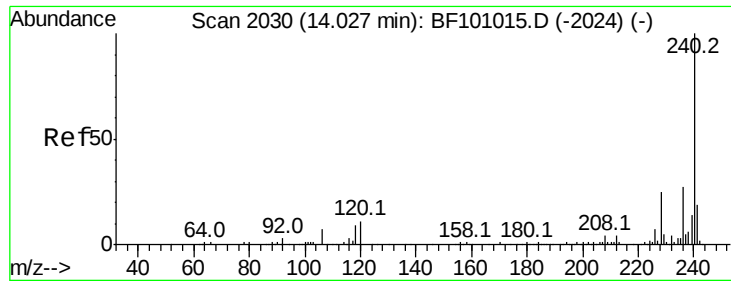
Tot Ion:188 Resp: 171268
 Ion Ratio Lower Upper
 188 100
 94 7.0 8.5 12.7#
 80 7.7 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.929 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.24 min
 Lab File: BF101149.D
 Acq: 6 Dec 2017 3:20

Tgt Ion:248 Resp: 5615
 Ion Ratio Lower Upper
 248 100
 250 201.6 76.9 115.3#
 141 486.3 74.4 111.6#

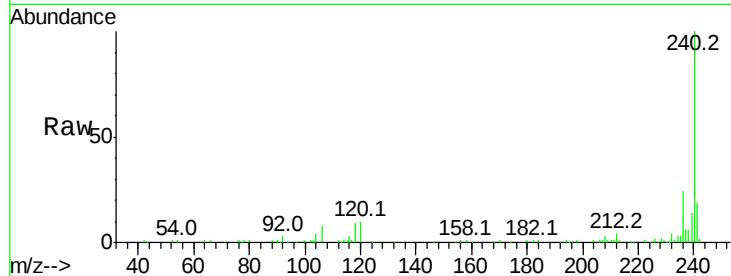




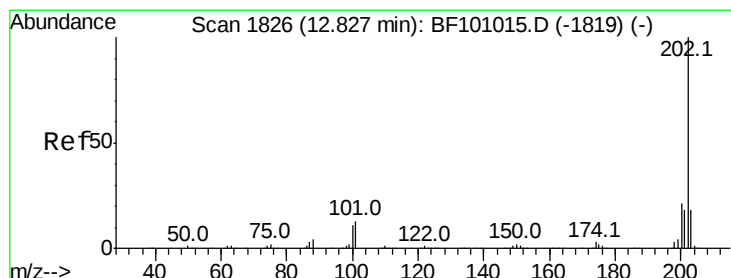
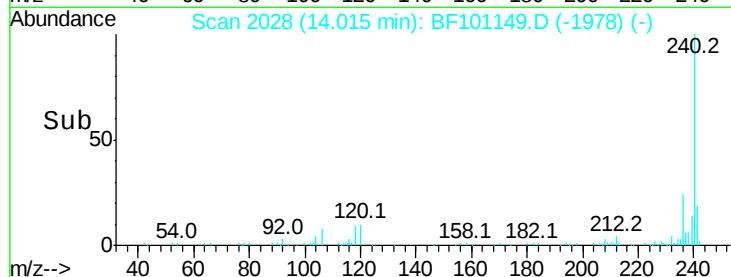
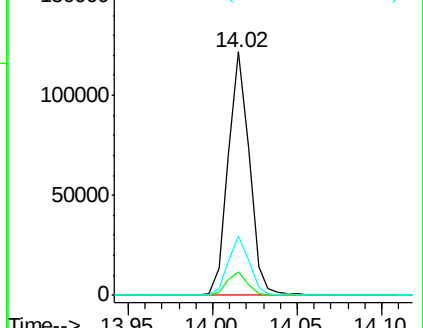
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 106359
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 24.1 20.7 31.1

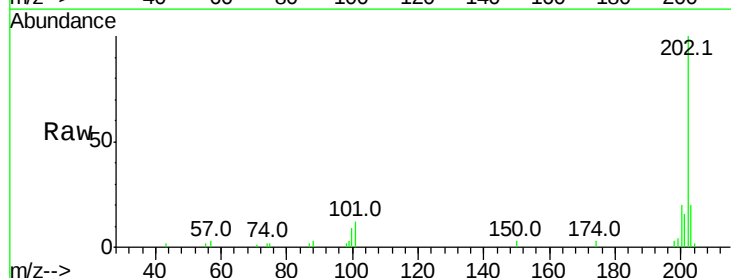


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

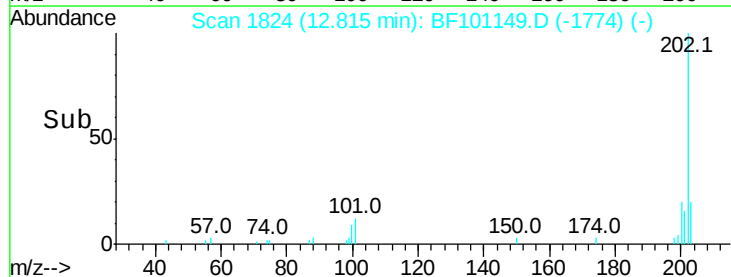
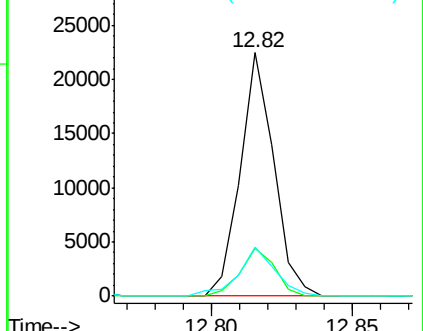


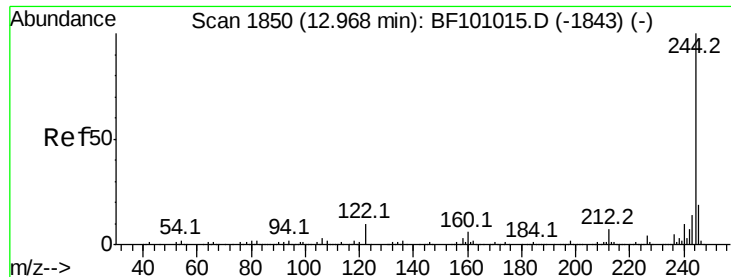
#77
Pyrene
Concen: 2.524 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion:202 Resp: 18523
Ion Ratio Lower Upper
202 100
200 19.7 17.4 26.2
203 19.9 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 61.087 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101149.D

Acq: 6 Dec 2017 3:20

Instrument :

BNA_F

ClientSampleId :

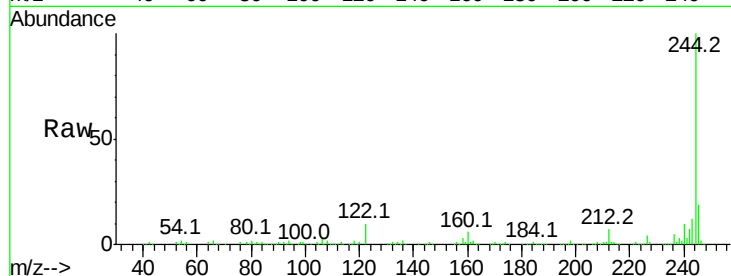
Tot Ion:244 Resp: 297047

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

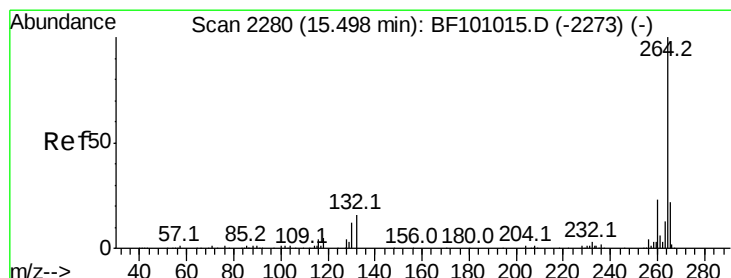
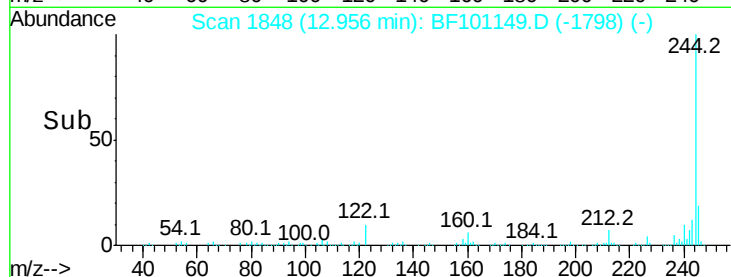
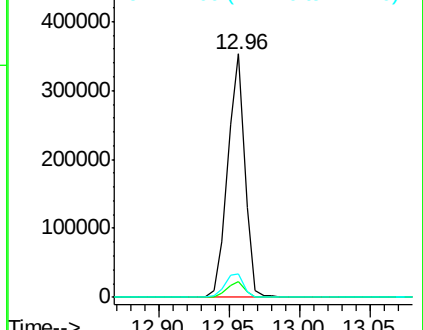
122 9.6 11.0 16.4#



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# 2279

Delta R.T. -0.00 min

Lab File: BF101149.D

Acq: 6 Dec 2017 3:20

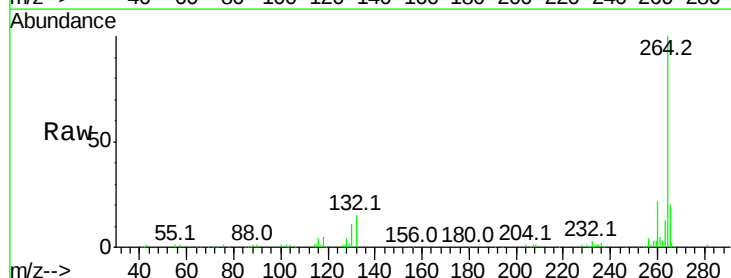
Tgt Ion:264 Resp: 113624

Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

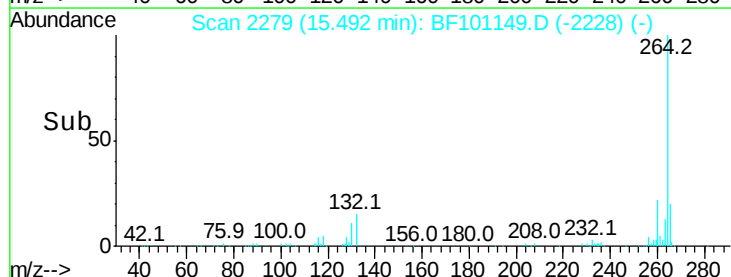
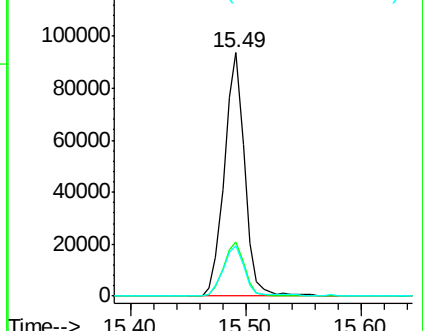
265 20.5 17.5 26.3

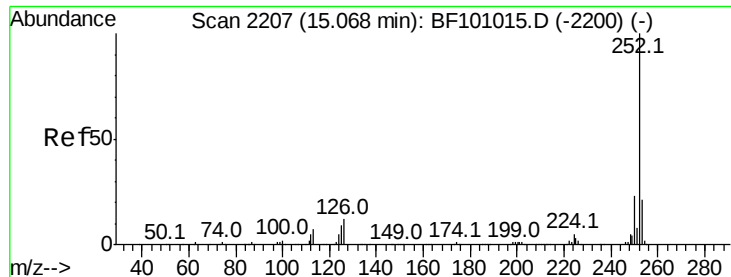


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

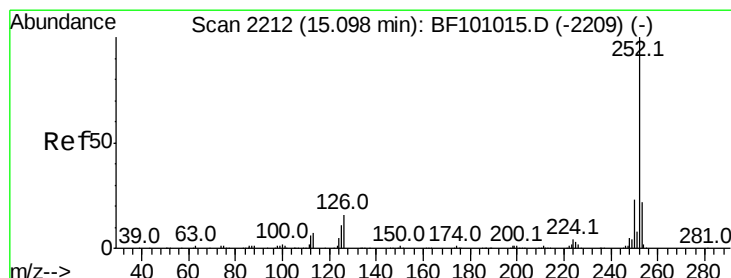
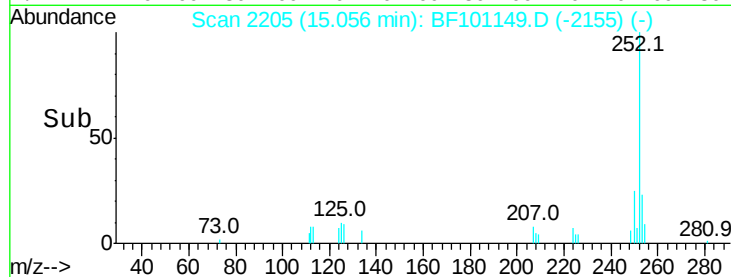
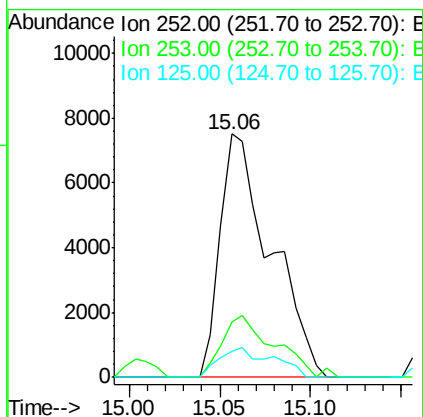
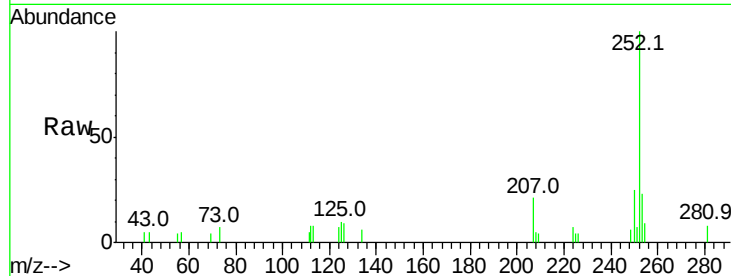




#87
Benzo(b)fluoranthene
Concen: 2.142 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.6
125	10.4	9.0	13.6



#88
Benzo(k)fluoranthene
Concen: 2.175 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.04 min
Lab File: BF101149.D
Acq: 6 Dec 2017 3:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	10.4	10.2	15.2

