

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101539.D
 Acq On : 19 Dec 2017 22:51
 Operator : SJ/JU
 Sample : I6975-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11989

Quant Time: Dec 20 07:01:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

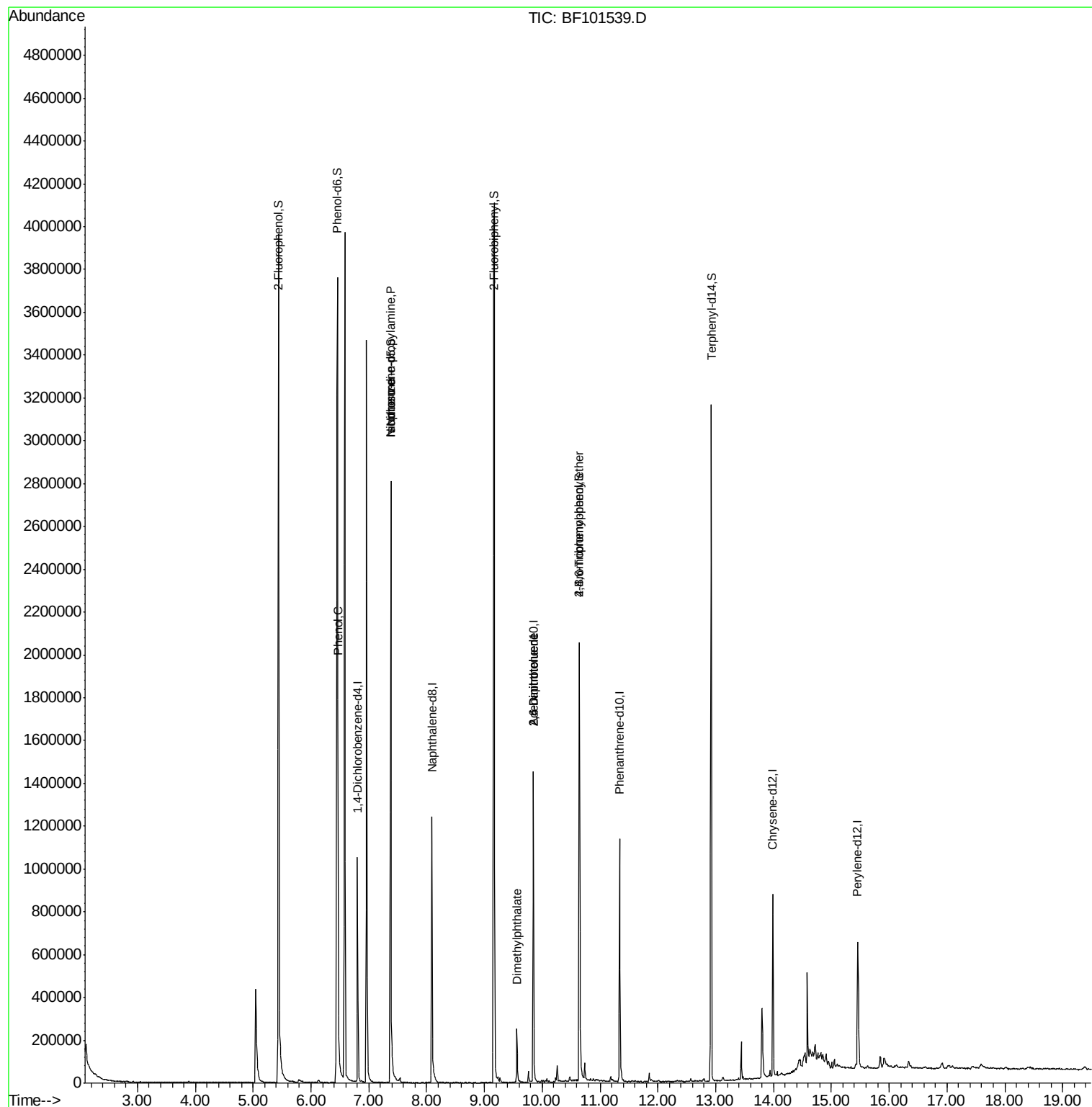
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	169022	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	684213	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	277846	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	460352	20.00	ng	0.00
75) Chrysene-d12	13.99	240	317749	20.00	ng	0.00
86) Perylene-d12	15.46	264	318492	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1347402	118.75	ng	0.02
7) Phenol-d6	6.46	99	1646890	116.62	ng	0.00
23) Nitrobenzene-d5	7.38	82	1093182	88.94	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	306184	114.36	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1579633	88.19	ng	0.00
78) Terphenyl-d14	12.92	244	1096581	83.20	ng	0.00
Target Compounds						
10) Phenol	6.47	94	84160	5.229	ng	96
19) n-Nitroso-di-n-propylamine	7.38	70	146261	15.771	ng	# 83
25) Isophorone	7.38	82	1093176	44.335	ng	# 64
49) Dimethylphthalate	9.56	163	114448	5.121	ng	100
50) 2,6-Dinitrotoluene	9.85	165	35305	7.773	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	35305	6.899	ng	# 23
66) 4-Bromophenyl-phenylether	10.64	248	18382	3.554	ng	# 1

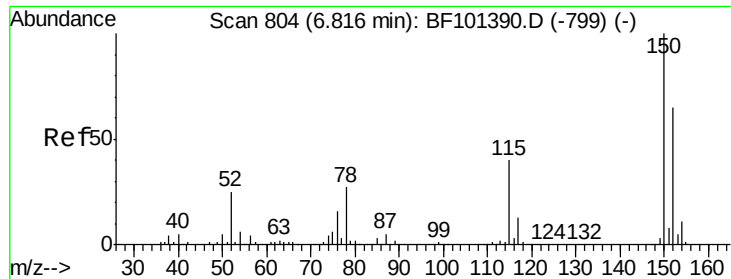
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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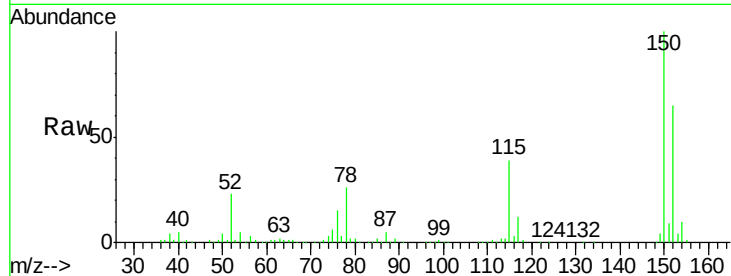




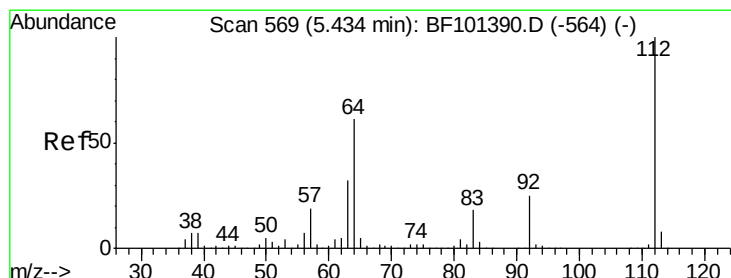
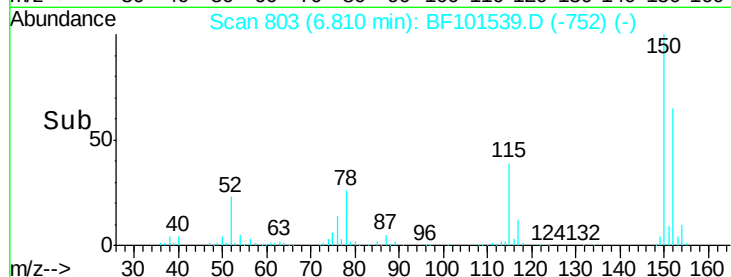
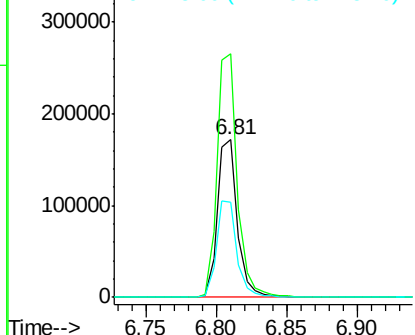
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF101539.D
 Acq: 19 Dec 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :
 72-11989

Tot Ion:152 Resp: 169022
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 186.8
 115 60.7 50.1 75.1

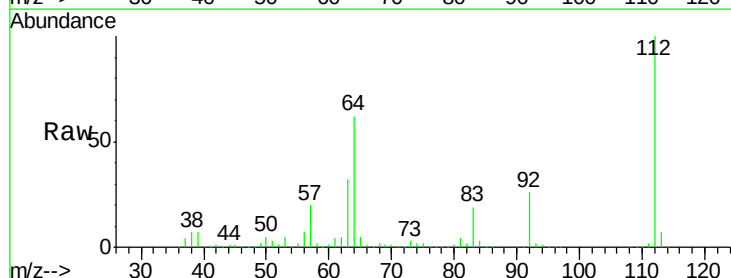


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

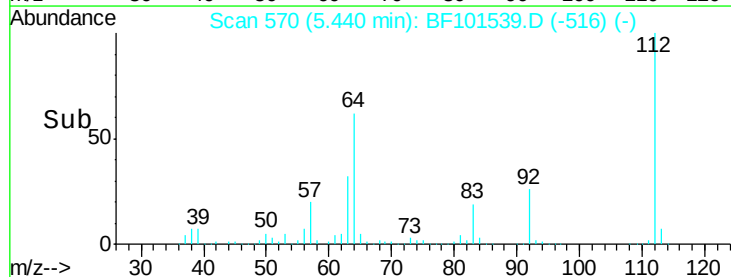
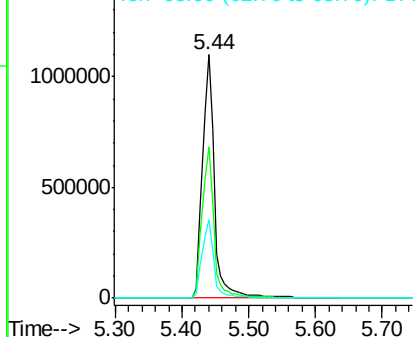


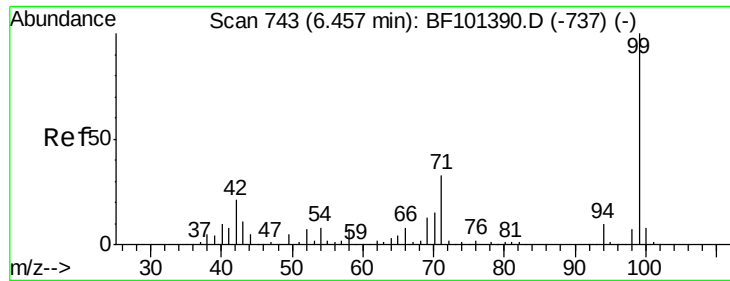
#5
 2-Fluorophenol
 Concen: 118.746 ng
 RT: 5.44 min Scan# 570
 Delta R.T. 0.02 min
 Lab File: BF101539.D
 Acq: 19 Dec 2017 22:51

Tgt Ion:112 Resp: 1347402
 Ion Ratio Lower Upper
 112 100
 64 62.2 47.9 71.9
 63 32.4 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: 116.621 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101539.D

Acq: 19 Dec 2017 22:51

Instrument :

BNA_F

ClientSampleId :

72-11989

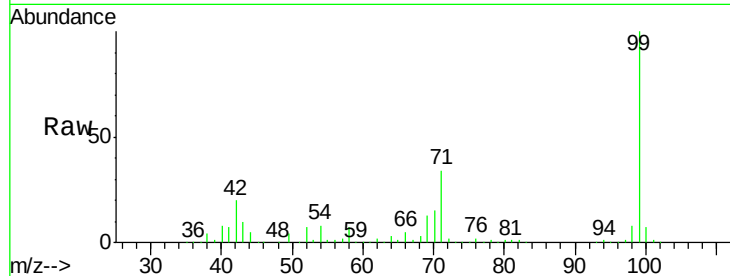
Tot Ion: 99 Resp: 1646890

Ion Ratio Lower Upper

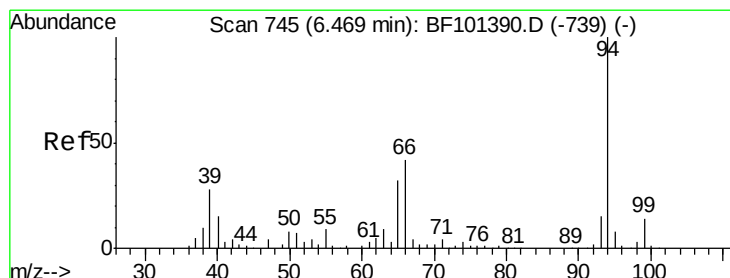
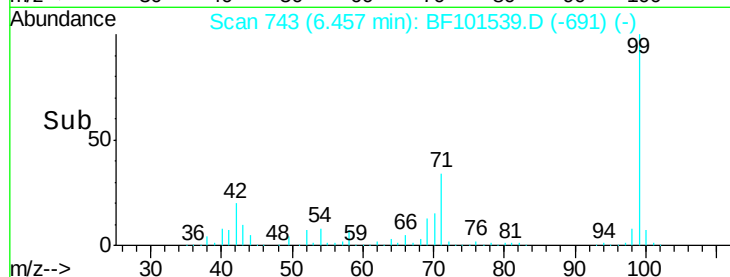
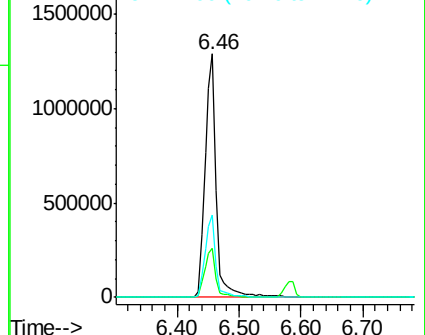
99 100

42 20.2 14.5 21.7

71 33.7 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: 5.229 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101539.D

Acq: 19 Dec 2017 22:51

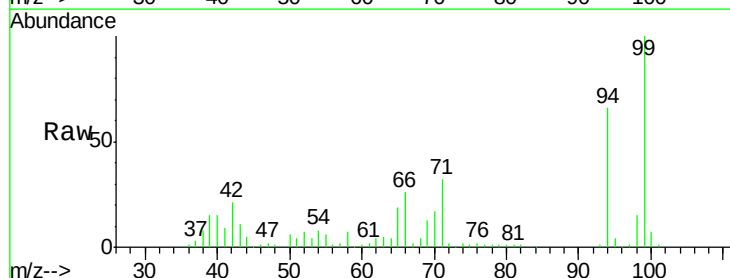
Tgt Ion: 94 Resp: 84160

Ion Ratio Lower Upper

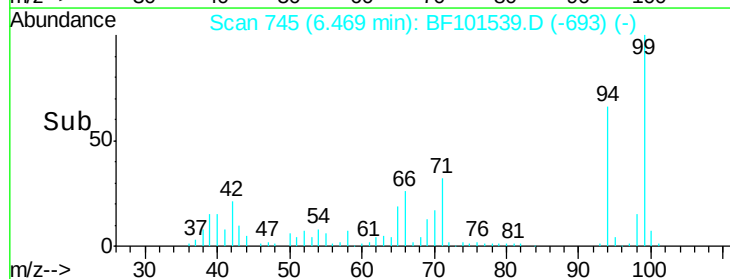
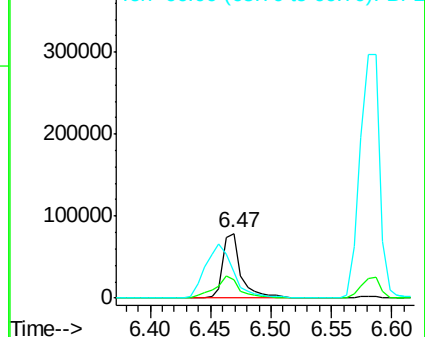
94 100

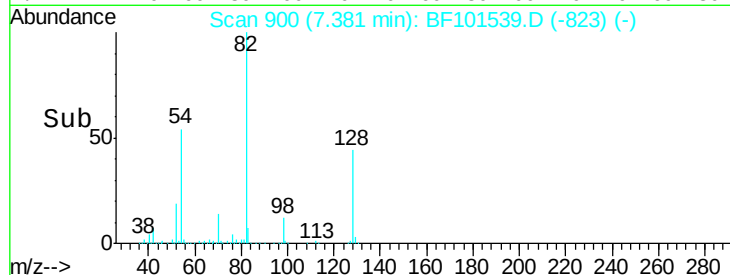
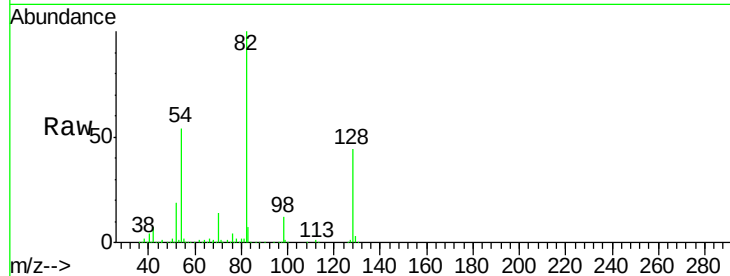
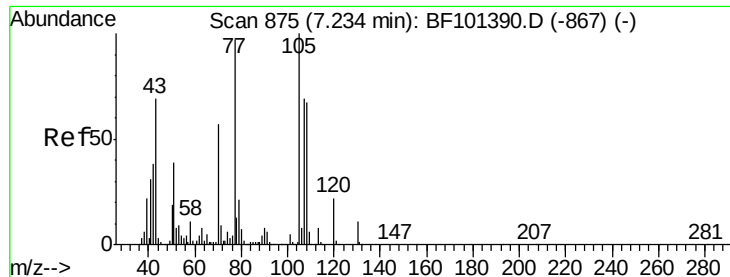
65 28.2 7.9 47.9

66 39.8 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

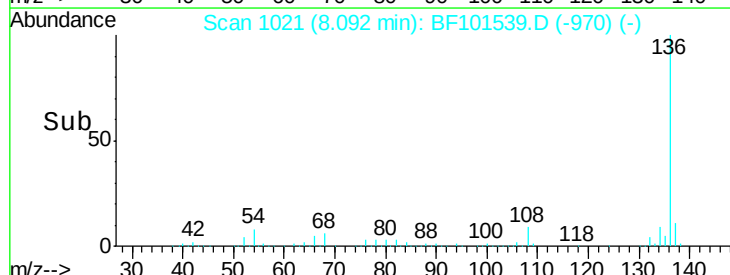
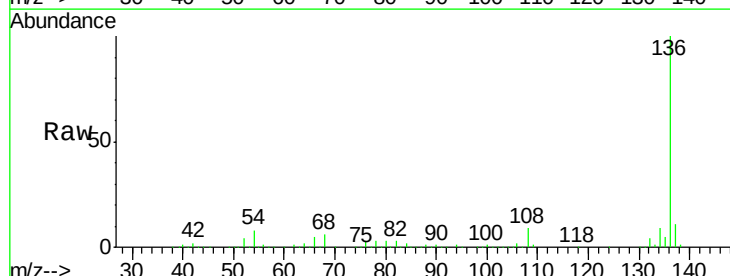
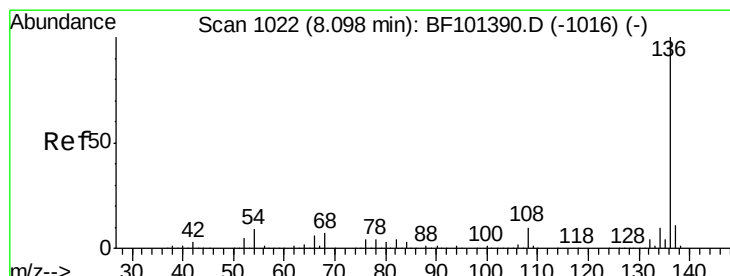
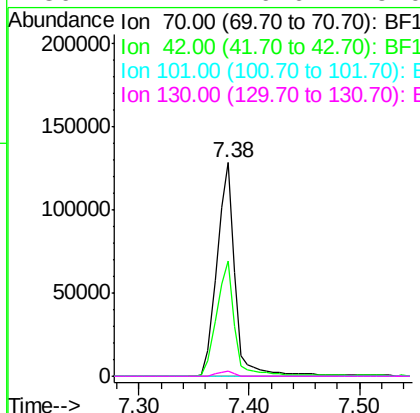




#19
n-Nitroso-di-n-propylamine
Concen: 15.771 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.15 min
Lab File: BF101539.D
Acq: 19 Dec 2017 22:51

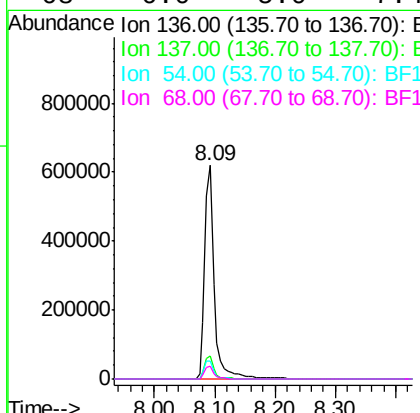
Instrument :
BNA_F
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72-11989

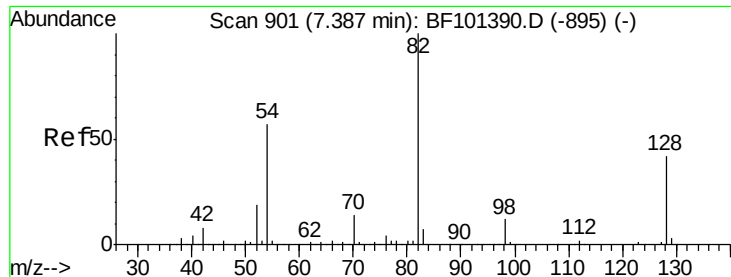
Tot Ion: 70 Resp: 146261
Ion Ratio Lower Upper
70 100
42 53.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF101539.D
Acq: 19 Dec 2017 22:51

Tgt Ion: 136 Resp: 684213
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 8.2 6.6 9.8
68 6.0 5.0 7.4

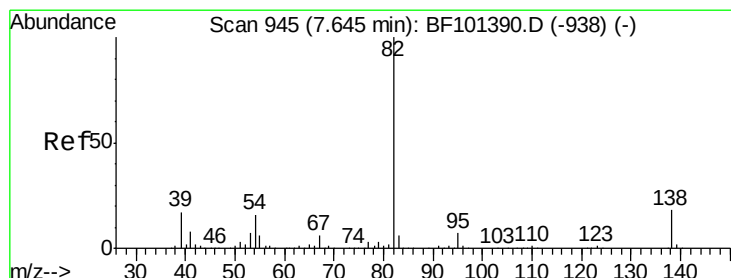
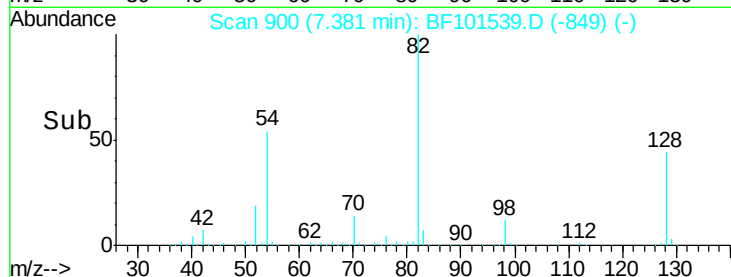
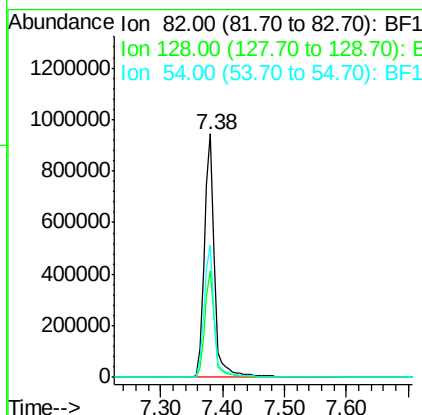
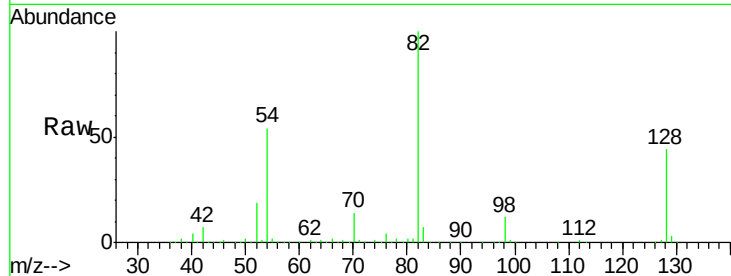




#23
 Nitrobenzene-d5
 Concen: 88.938 ng
 RT: 7.38 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF101539.D
 Acq: 19 Dec 2017 22:51

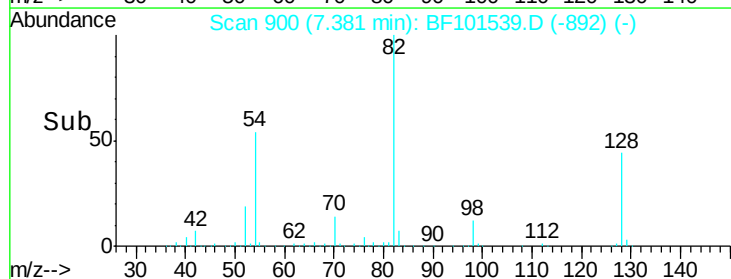
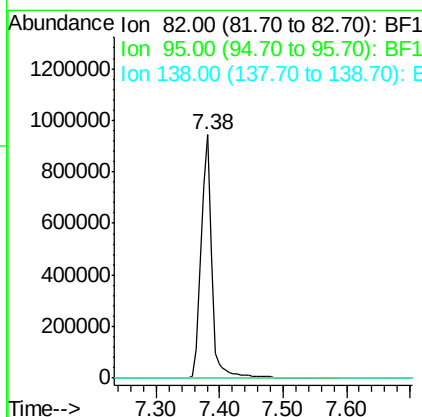
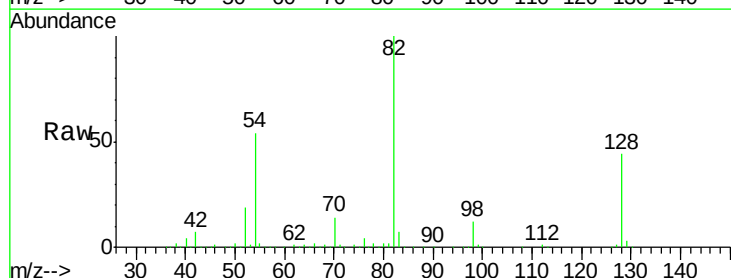
Instrument :
 BNA_F
 ClientSampleId :
 72-11989

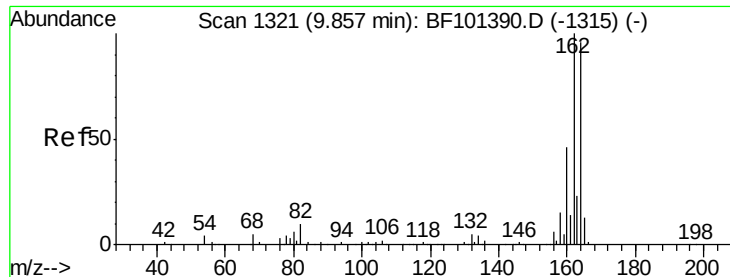
Tot Ion: 82 Resp: 1093182
 Ion Ratio Lower Upper
 82 100
 128 44.0 36.1 54.1
 54 54.5 41.4 62.2



#25
 Isophorone
 Concen: 44.335 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.25 min
 Lab File: BF101539.D
 Acq: 19 Dec 2017 22:51

Tgt Ion: 82 Resp: 1093176
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#

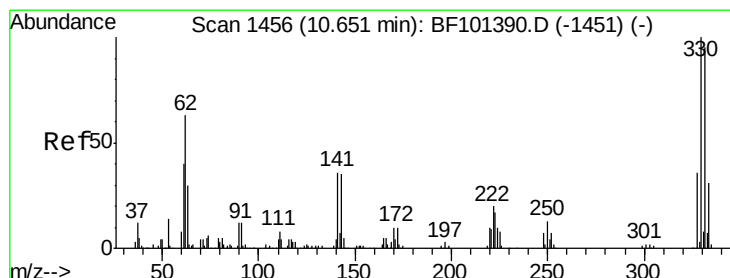
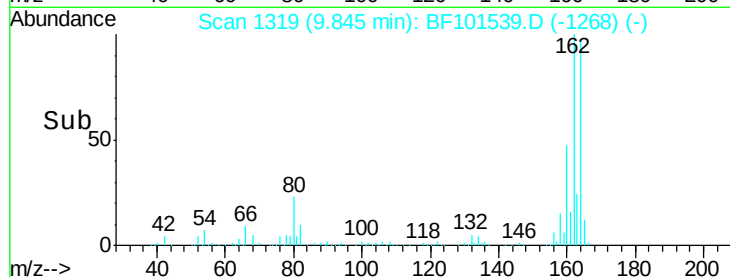
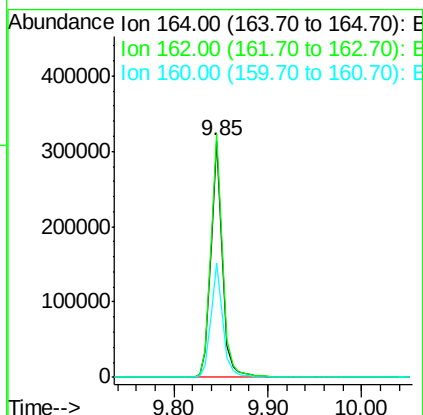
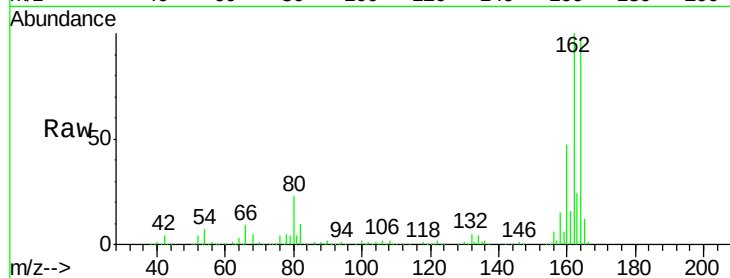




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF101539.D
 Acq: 19 Dec 2017 22:51

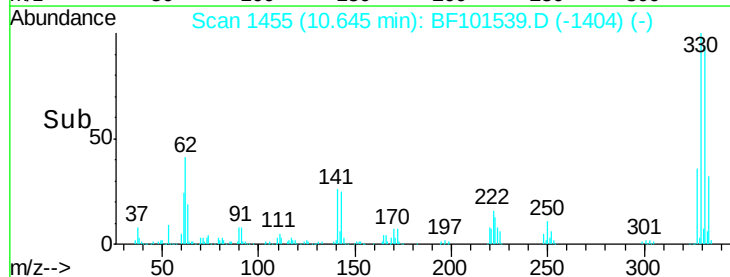
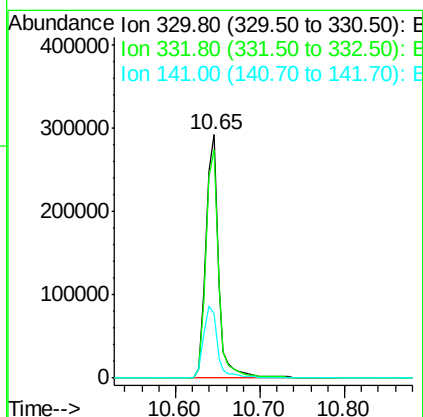
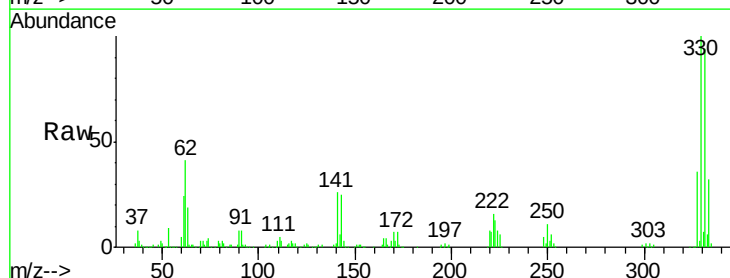
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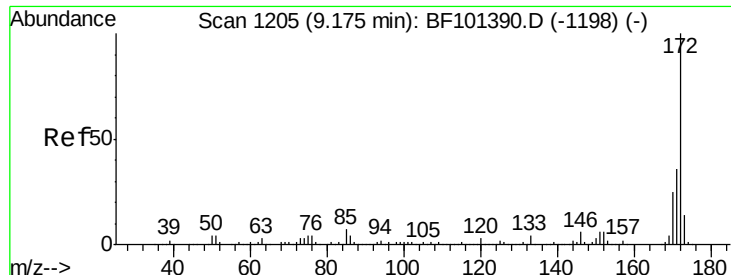
Tot Ion:164 Resp: 277846
 Ion Ratio Lower Upper
 164 100
 162 103.2 86.1 129.1
 160 48.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 114.365 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101539.D
 Acq: 19 Dec 2017 22:51

Tgt Ion:330 Resp: 306184
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 33.0 29.9 44.9

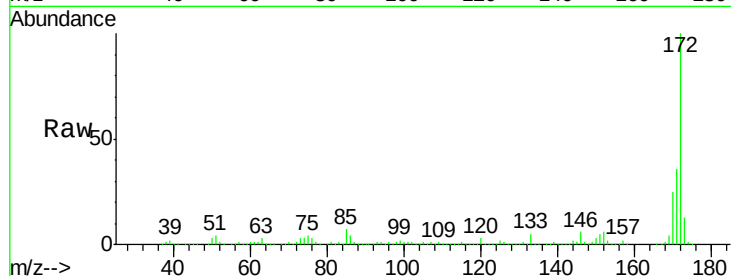




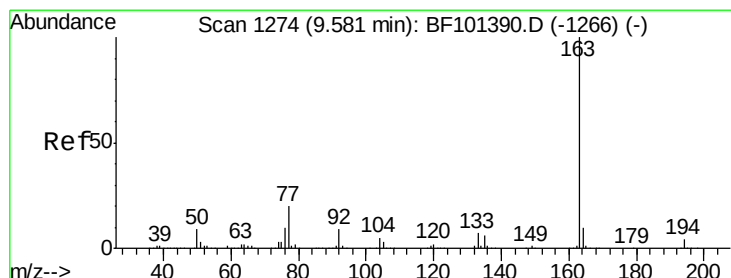
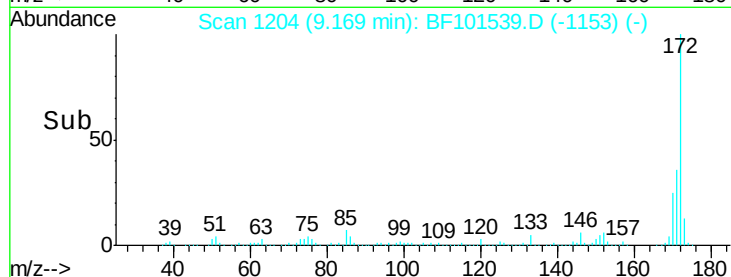
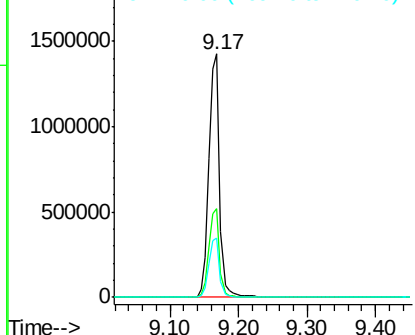
#44
2-Fluorobiphenyl
Concen: 88.192 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BF101539.D
Acq: 19 Dec 2017 22:51

Instrument :
BNA_F
ClientSampleId :
72-11989

Tot Ion:172 Resp: 1579633
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.6 19.6 29.4

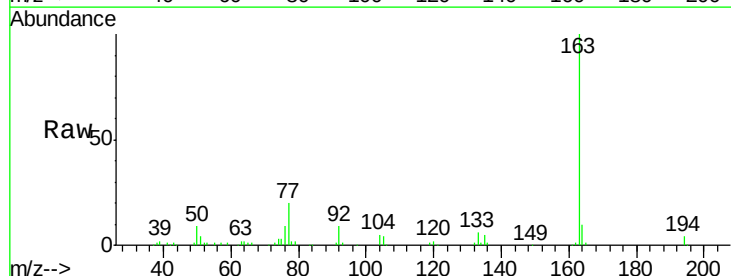


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

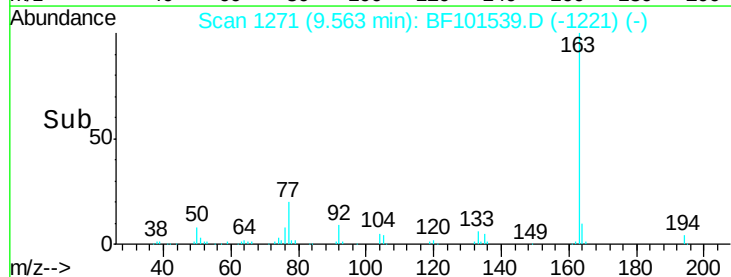
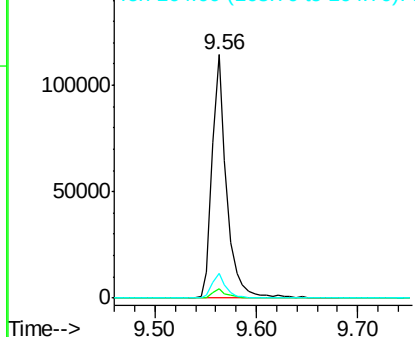


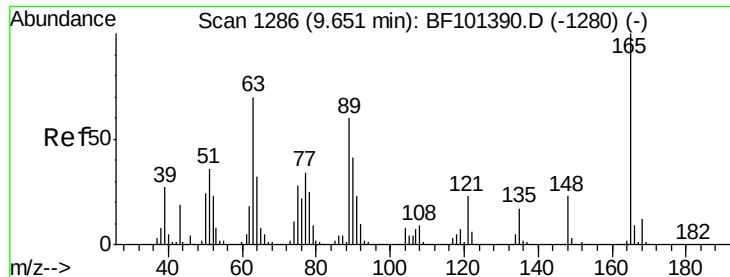
#49
Dimethylphthalate
Concen: 5.121 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101539.D
Acq: 19 Dec 2017 22:51

Tgt Ion:163 Resp: 114448
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.2 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





#50

2,6-Dinitrotoluene

Concen: 7.773 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.20 min

Lab File: BF101539.D

Acq: 19 Dec 2017 22:51

Instrument :

BNA_F

ClientSampleId :

72-11989

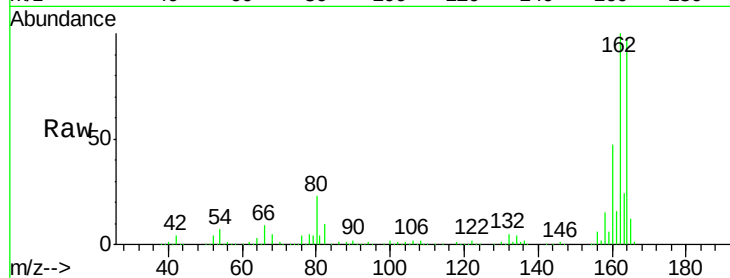
Tot Ion:165 Resp: 35305

Ion Ratio Lower Upper

165 100

63 1.4 44.7 67.1#

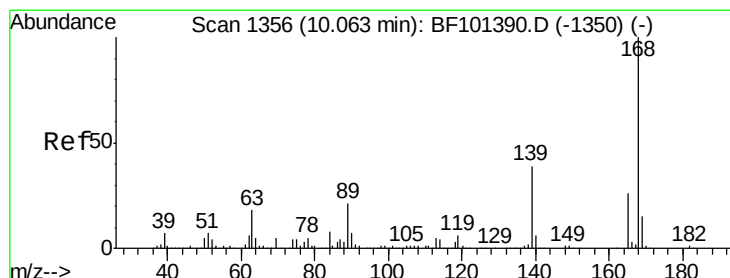
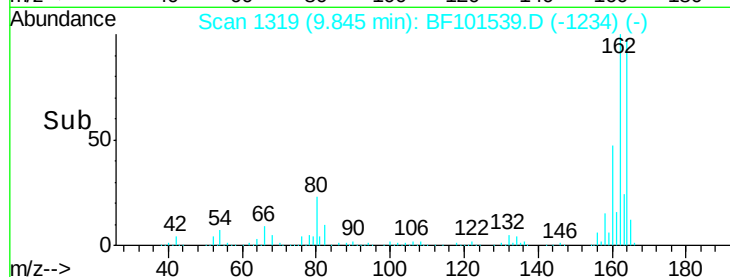
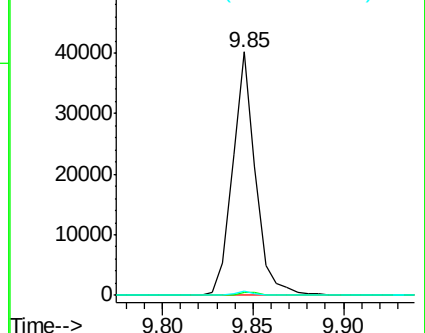
89 1.7 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.899 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF101539.D

Acq: 19 Dec 2017 22:51

Tgt Ion:165 Resp: 35305

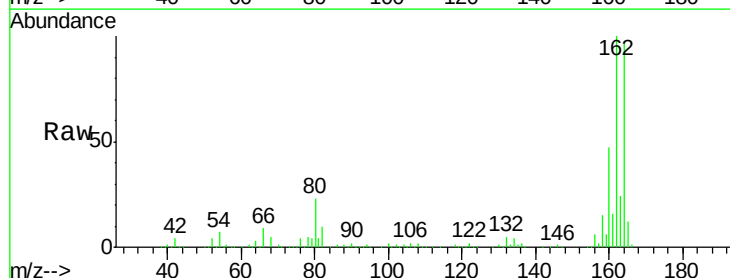
Ion Ratio Lower Upper

165 100

63 1.4 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

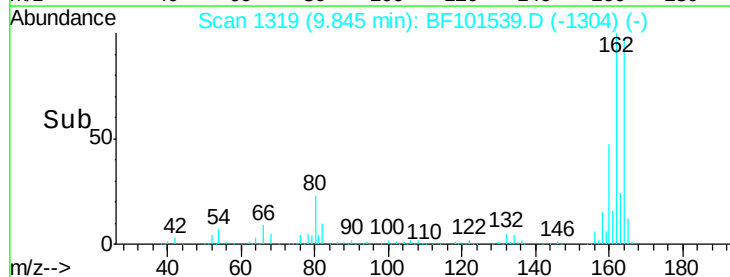
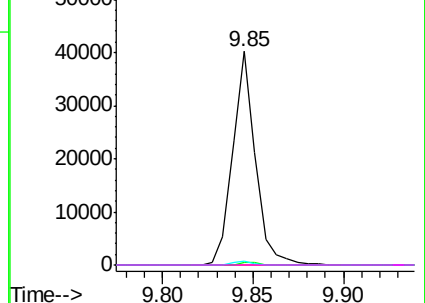


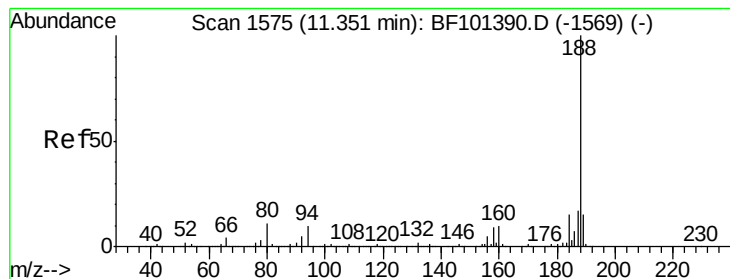
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.00 min

Lab File: BF101539.D

Acq: 19 Dec 2017 22:51

Instrument :

BNA_F

ClientSampleId :

72-11989

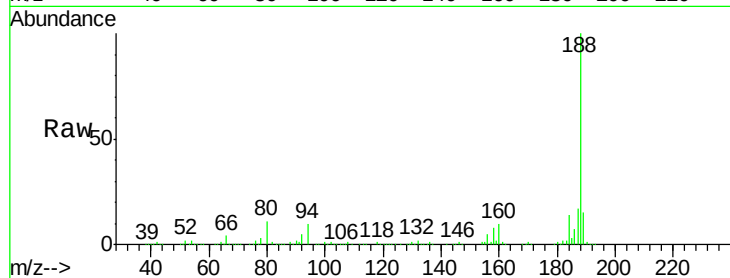
Tot Ion:188 Resp: 460352

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

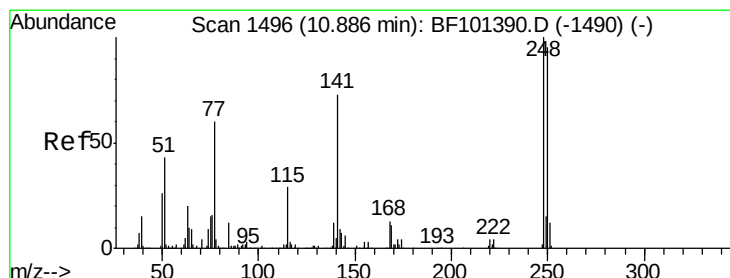
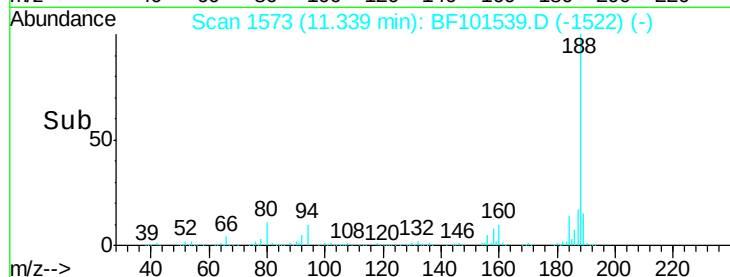
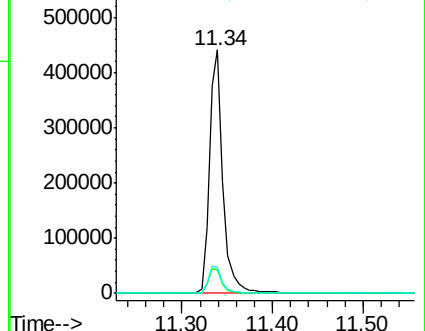
80 10.6 9.2 13.8



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



#66

4-Bromophenyl-phenylether

Concen: 3.554 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.24 min

Lab File: BF101539.D

Acq: 19 Dec 2017 22:51

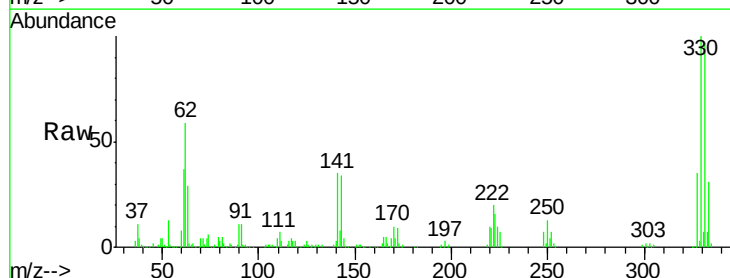
Tgt Ion:248 Resp: 18382

Ion Ratio Lower Upper

248 100

250 203.9 76.9 115.3#

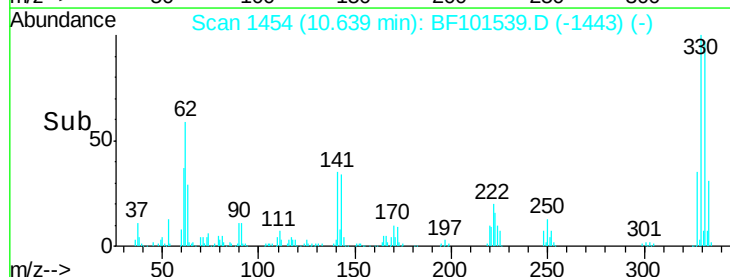
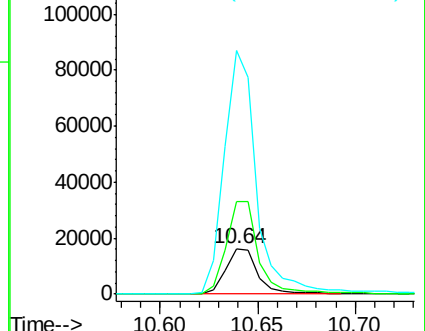
141 534.2 74.4 111.6#

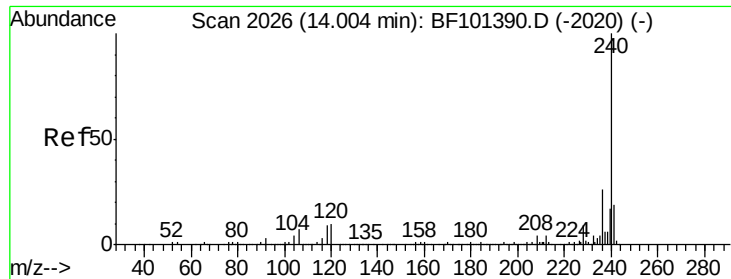


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF101539.D

Acq: 19 Dec 2017 22:51

Instrument :

BNA_F

ClientSampleId :

72-11989

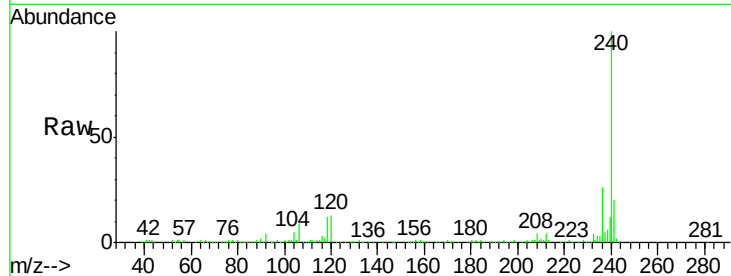
Tot Ion:240 Resp: 317749

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

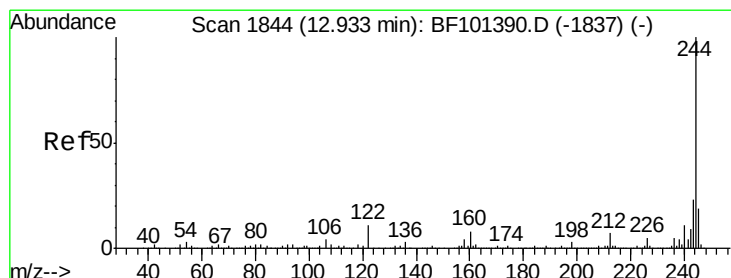
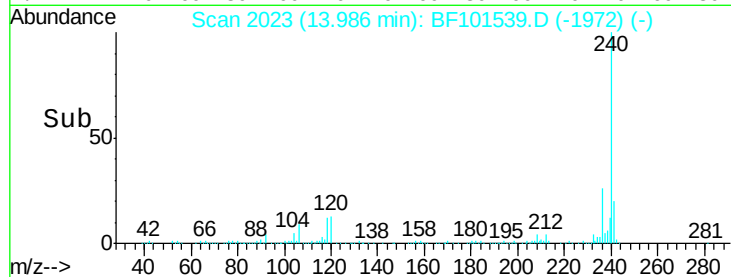
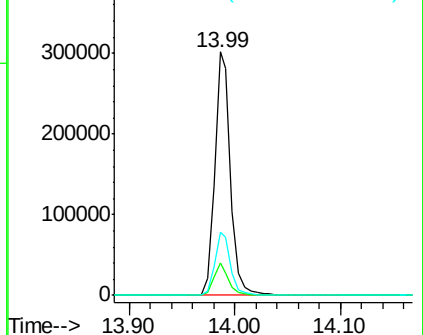
236 26.1 20.7 31.1



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: 83.198 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF101539.D

Acq: 19 Dec 2017 22:51

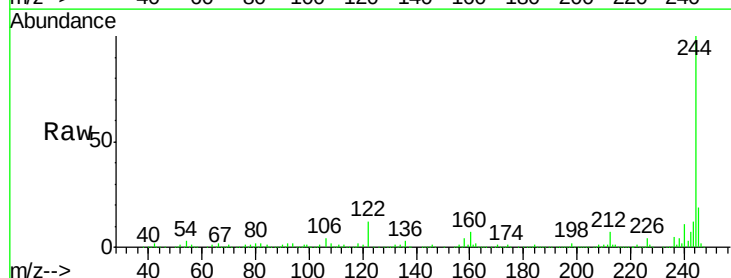
Tgt Ion:244 Resp: 1096581

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

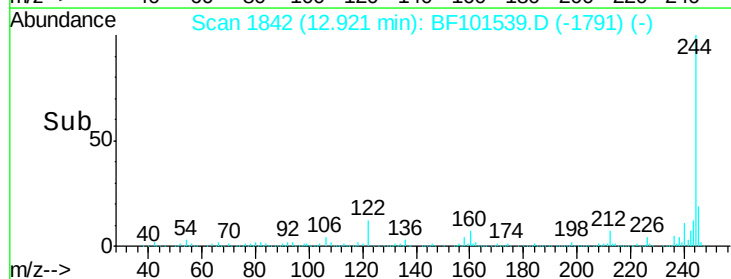
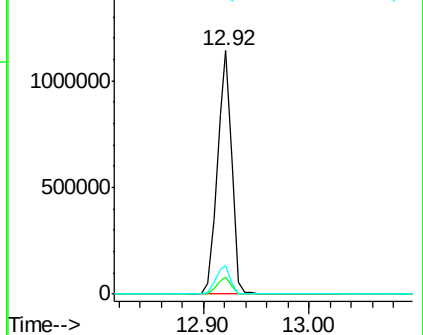
122 11.6 11.0 16.4

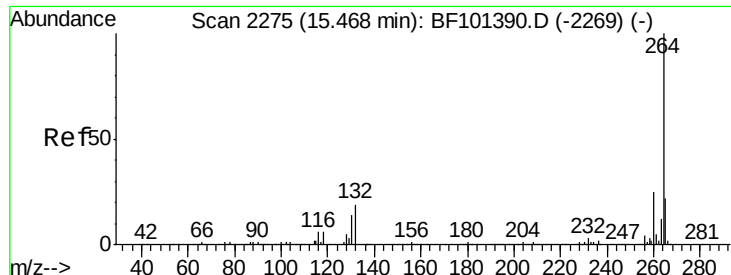


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF101539.D
 Acq: 19 Dec 2017 22:51

Instrument :
 BNA_F
 ClientSampleId :
 72-11989

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	22.6	17.5	26.3

