

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101557.D
 Acq On : 20 Dec 2017 8:05
 Operator : SJ/JU
 Sample : I6956-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 08:43:14 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

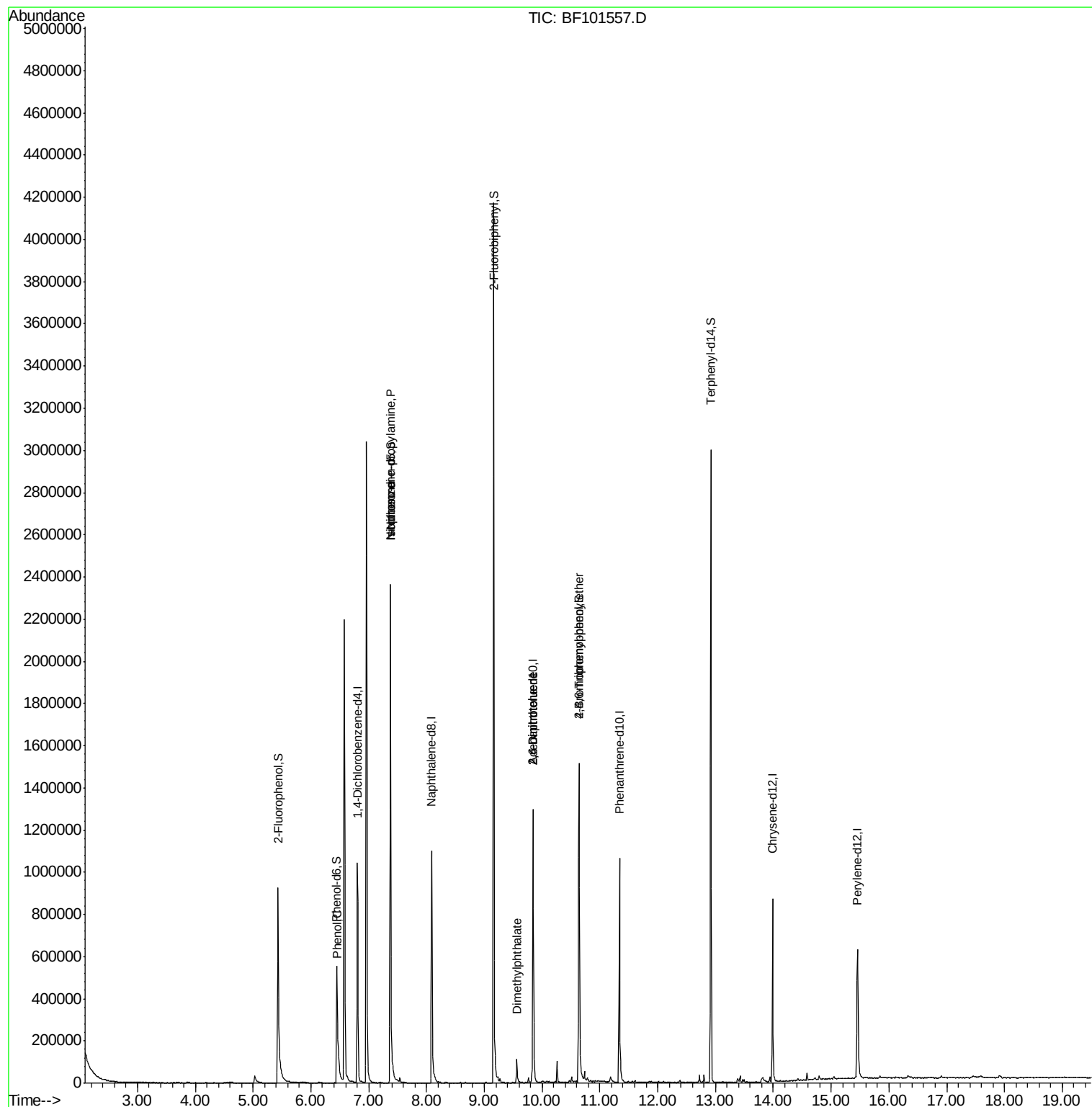
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	160700	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	652997	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	277814	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	471260	20.00	ng	0.00
75) Chrysene-d12	13.99	240	327165	20.00	ng	0.00
86) Perylene-d12	15.46	264	348880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	406574	37.69	ng	0.00
7) Phenol-d6	6.45	99	310723	23.14	ng	0.00
23) Nitrobenzene-d5	7.37	82	950498	81.03	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	208327	77.82	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1508518	84.23	ng	0.00
78) Terphenyl-d14	12.92	244	1114679	82.14	ng	0.00
Target Compounds						
10) Phenol	6.46	94	44436	2.904	ng	81
19) n-Nitroso-di-n-propylamine	7.37	70	125559	14.240	ng	# 83
25) Isophorone	7.37	82	950498	40.391	ng	# 64
49) Dimethylphthalate	9.56	163	56984	2.550	ng	100
50) 2,6-Dinitrotoluene	9.85	165	35646	7.849	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	35646	6.966	ng	# 23
66) 4-Bromophenyl-phenylether	10.64	248	13502	2.550	ng	# 1

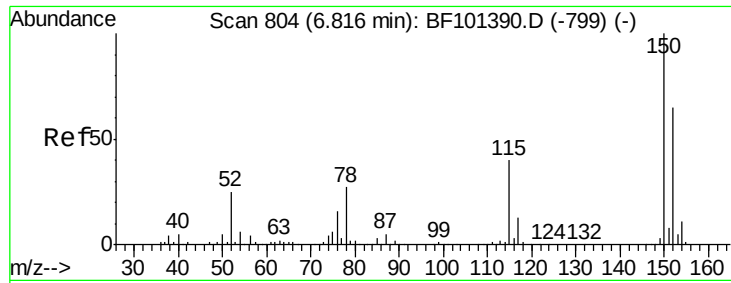
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101557.D
Acq On : 20 Dec 2017 8:05
Operator : SJ/JU
Sample : I6956-09
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 20 08:43:14 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



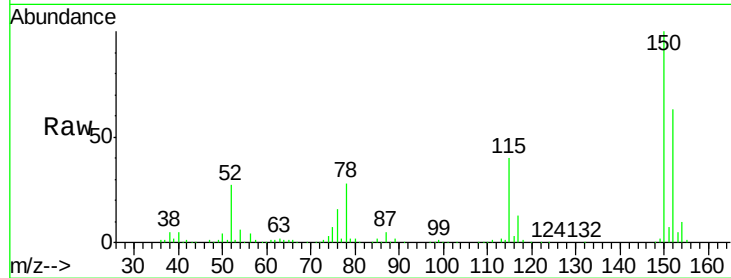


#1

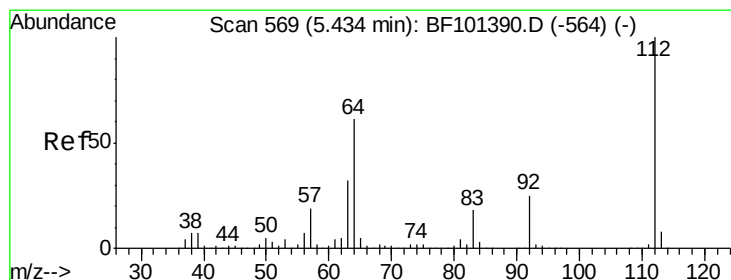
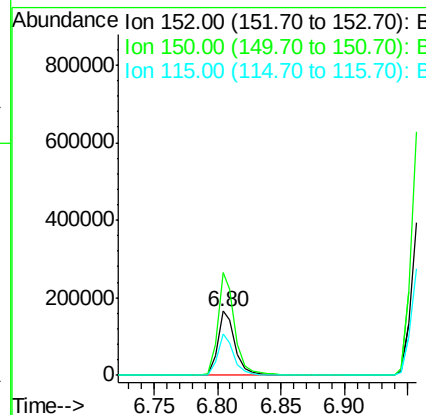
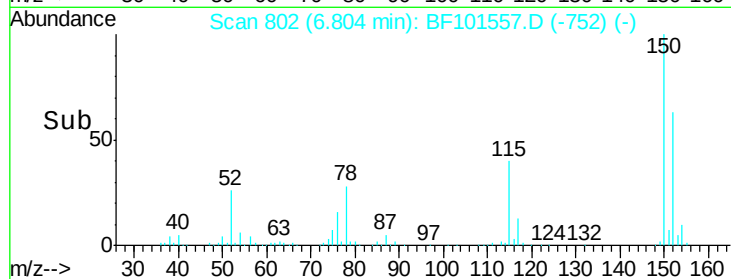
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF101557.D
Acq: 20 Dec 2017 8:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 160700
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 63.4 50.1 75.1



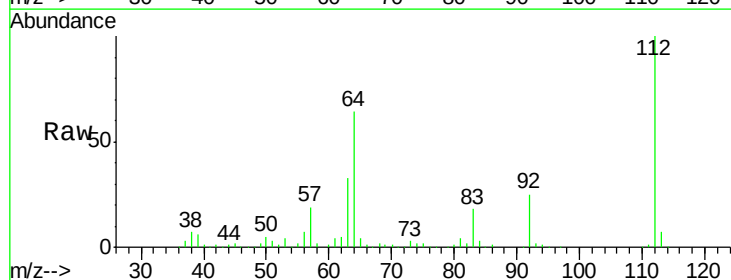
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



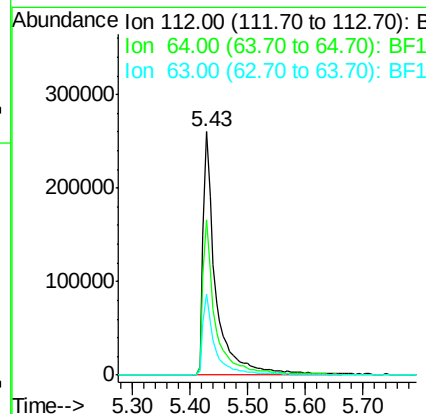
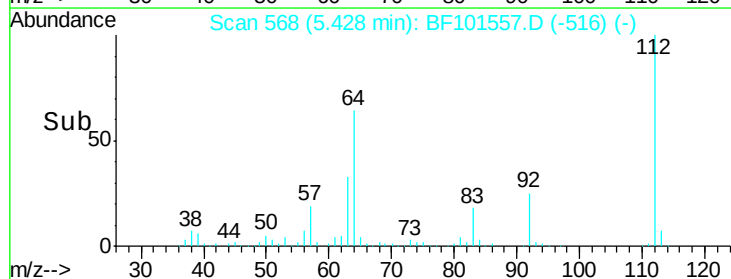
#5

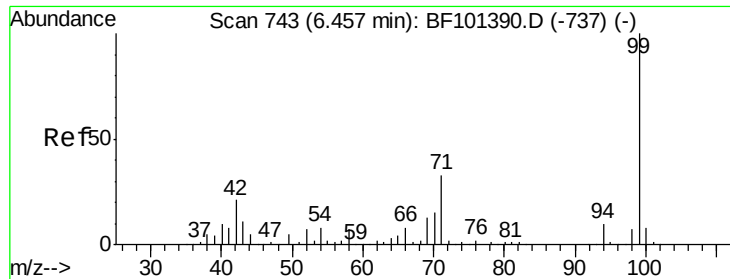
2-Fluorophenol
Concen: 37.687 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF101557.D
Acq: 20 Dec 2017 8:05

Tgt Ion:112 Resp: 406574
Ion Ratio Lower Upper
112 100
64 63.6 47.9 71.9
63 33.1 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: 23.143 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF101557.D

Acq: 20 Dec 2017 8:05

Instrument :

BNA_F

ClientSampleId :

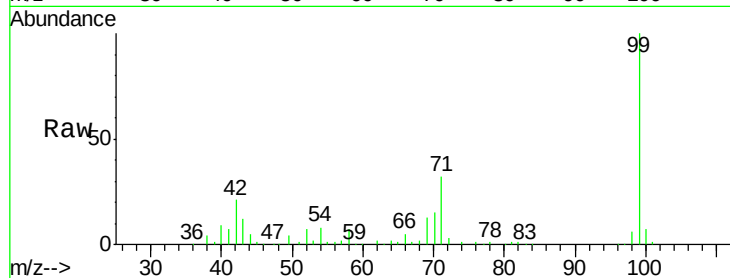
Tot Ion: 99 Resp: 310723

Ion Ratio Lower Upper

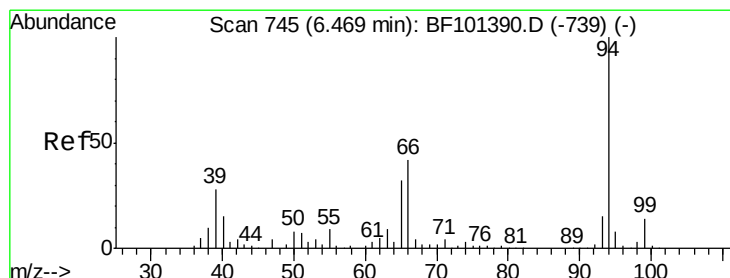
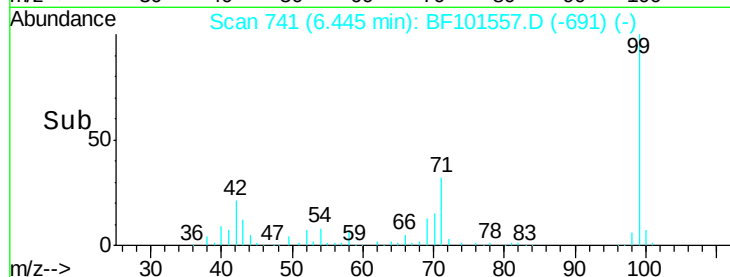
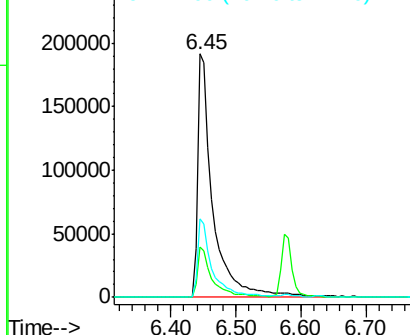
99 100

42 20.8 14.5 21.7

71 32.3 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



#10

Phenol

Concen: 2.904 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF101557.D

Acq: 20 Dec 2017 8:05

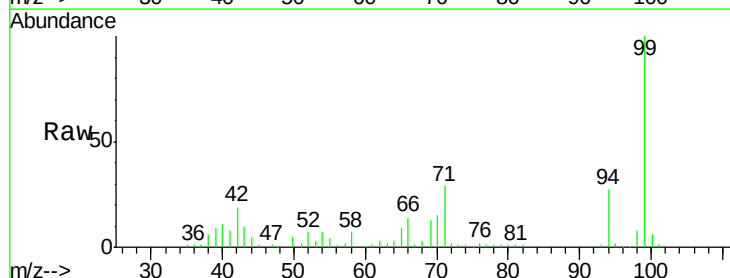
Tgt Ion: 94 Resp: 44436

Ion Ratio Lower Upper

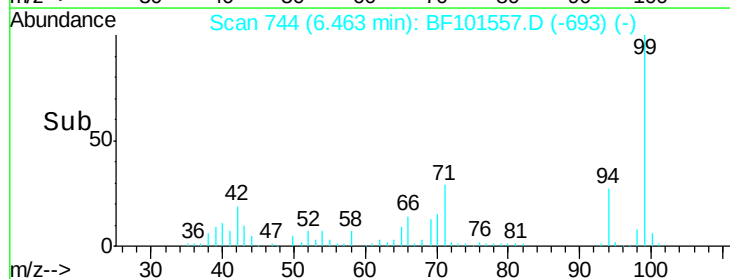
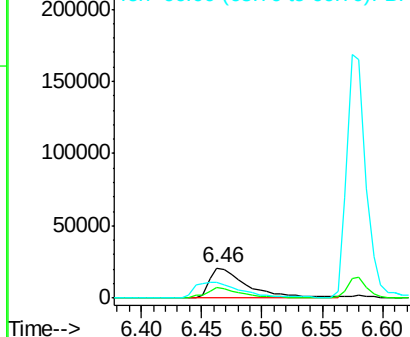
94 100

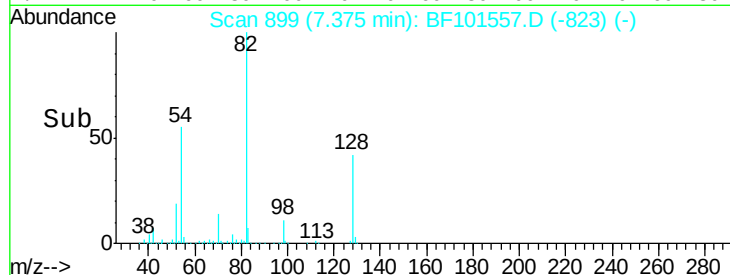
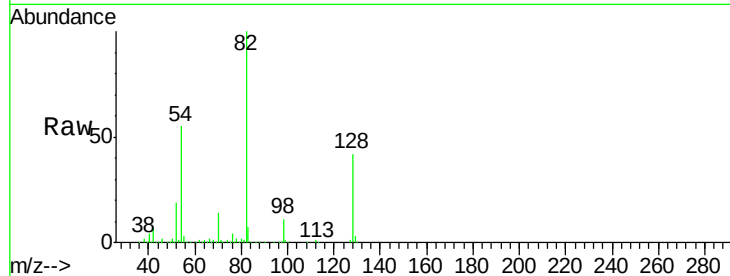
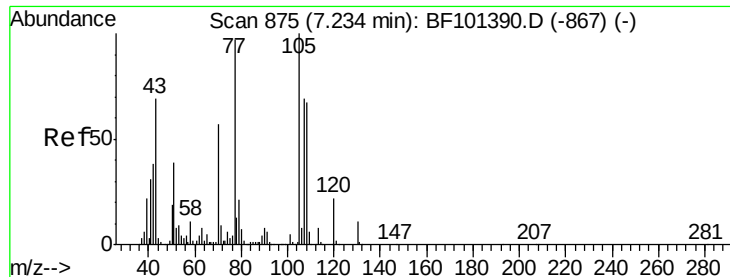
65 33.4 7.9 47.9

66 51.7 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

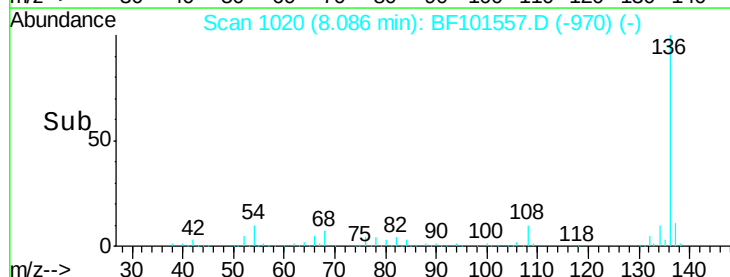
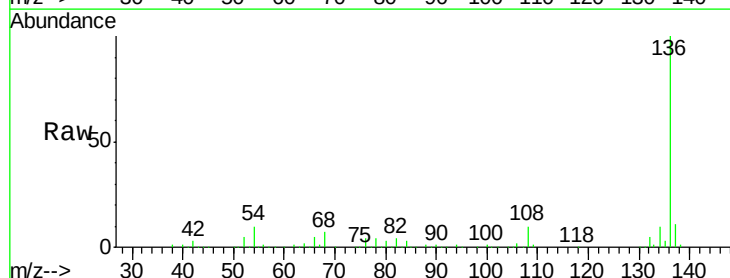
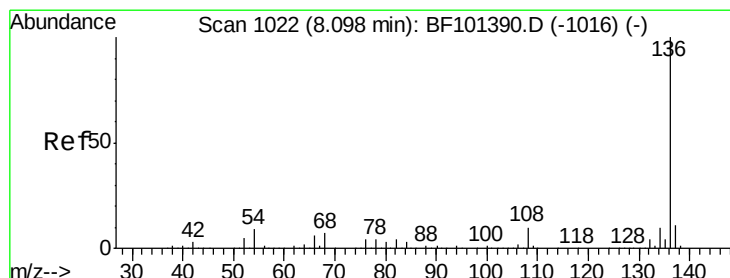
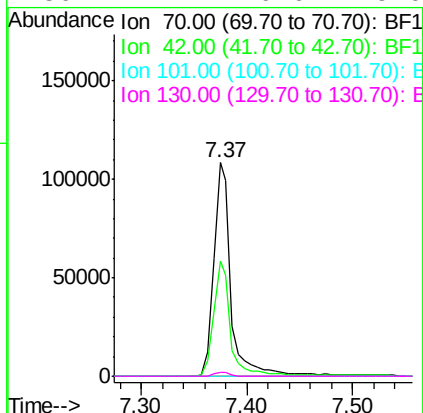




#19
n-Nitroso-di-n-propylamine
Concen: 14.240 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.15 min
Lab File: BF101557.D
Acq: 20 Dec 2017 8:05

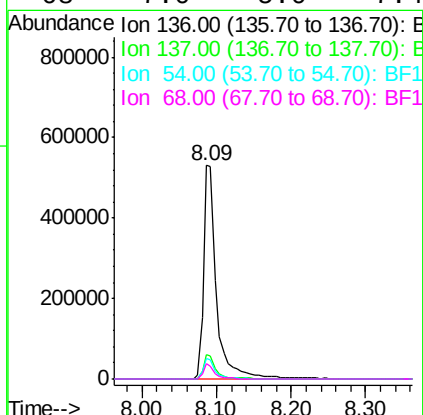
Instrument :
BNA_F
ClientSampleId :

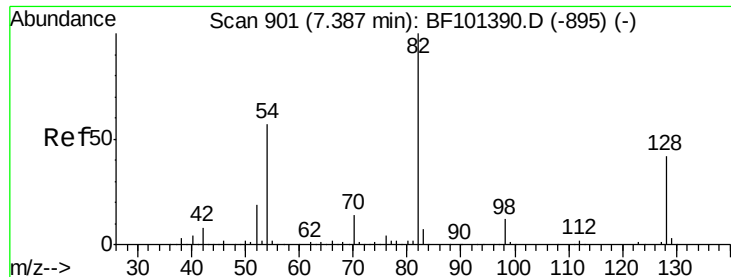
Tot Ion: 70 Resp: 125559
Ion Ratio Lower Upper
70 100
42 53.9 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF101557.D
Acq: 20 Dec 2017 8:05

Tgt Ion: 136 Resp: 652997
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.6 6.6 9.8
68 7.0 5.0 7.4

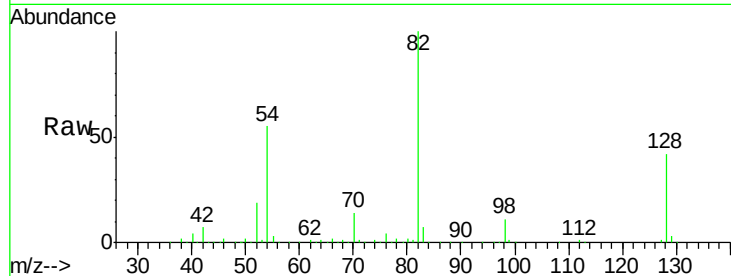




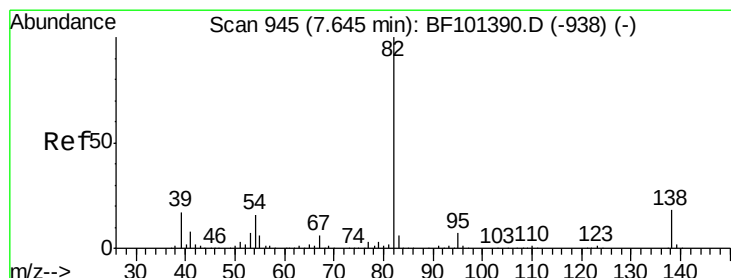
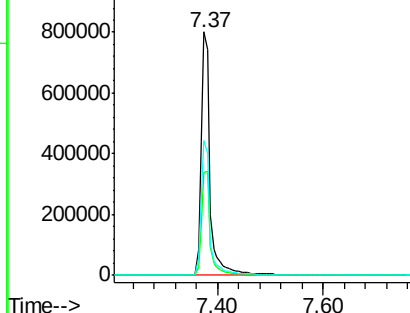
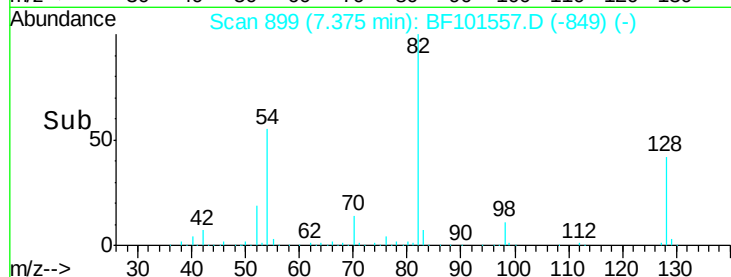
#23
Nitrobenzene-d5
Concen: 81.027 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF101557.D
Acq: 20 Dec 2017 8:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 950498
Ion Ratio Lower Upper
82 100
128 42.0 36.1 54.1
54 55.3 41.4 62.2

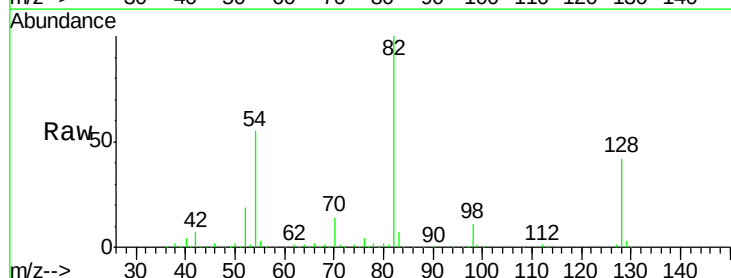


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

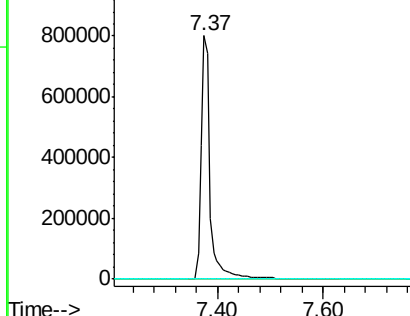
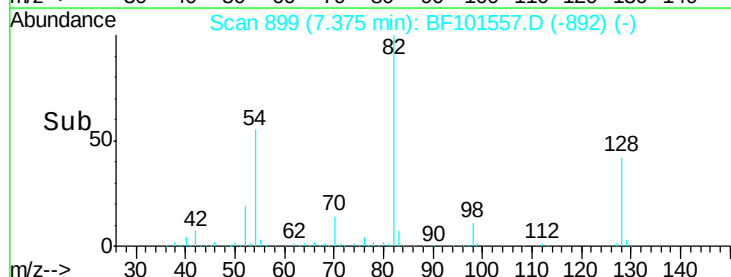


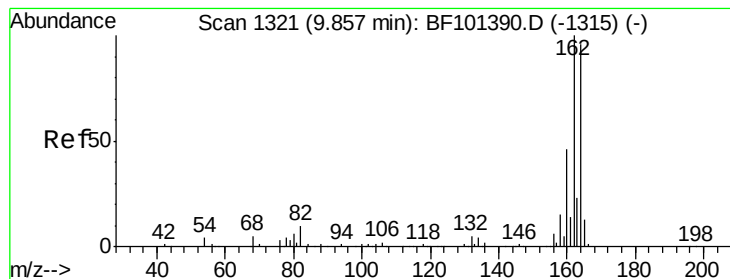
#25
Isophorone
Concen: 40.391 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF101557.D
Acq: 20 Dec 2017 8:05

Tgt Ion: 82 Resp: 950498
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: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF101557.D

Acq: 20 Dec 2017 8:05

Instrument :

BNA_F

ClientSampleId :

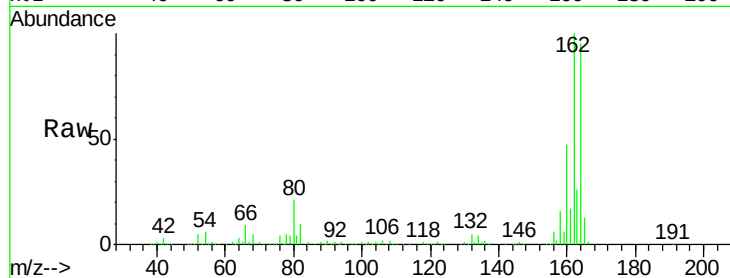
Tot Ion:164 Resp: 277814

Ion Ratio Lower Upper

164 100

162 104.8 86.1 129.1

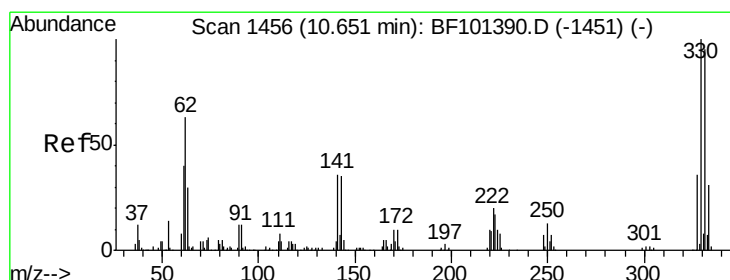
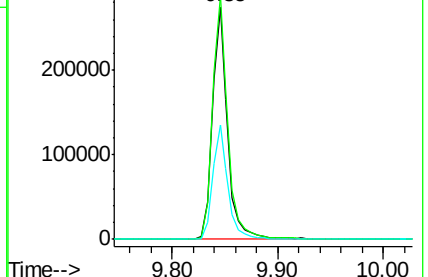
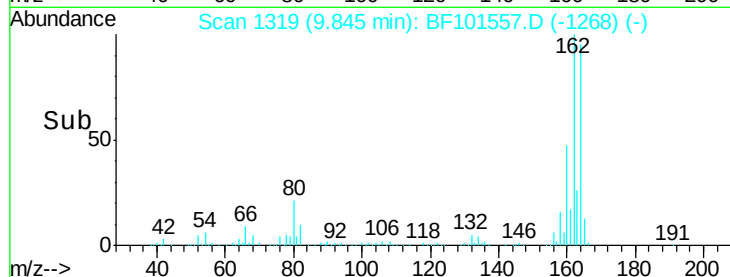
160 48.9 38.3 57.5



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: 77.822 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF101557.D

Acq: 20 Dec 2017 8:05

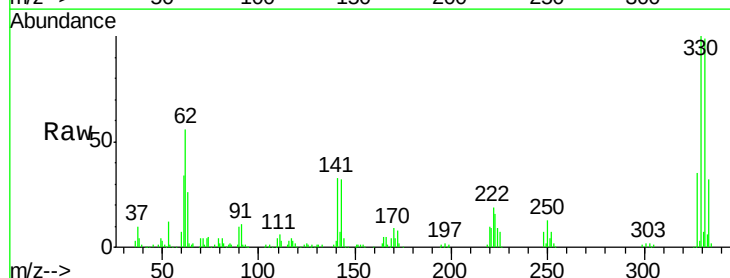
Tgt Ion:330 Resp: 208327

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

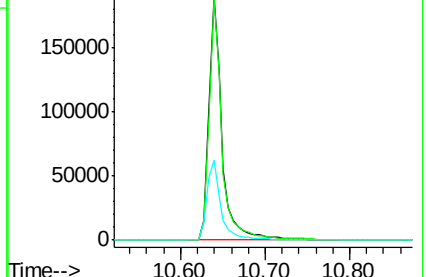
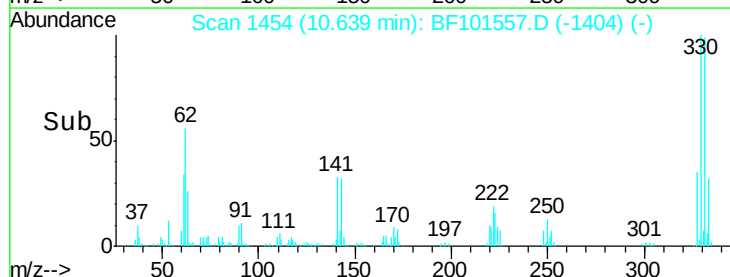
141 35.6 29.9 44.9

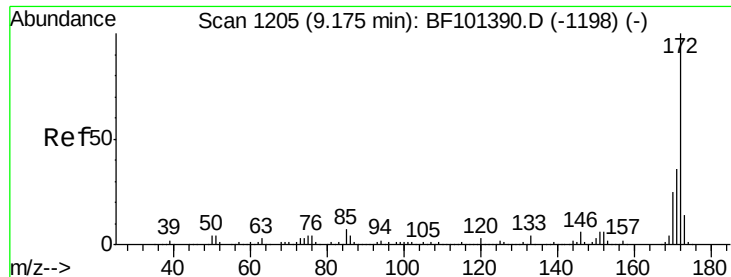


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

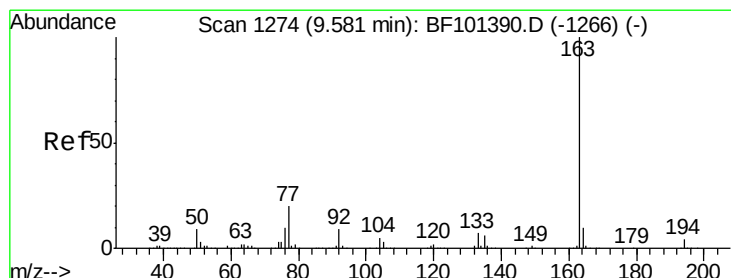
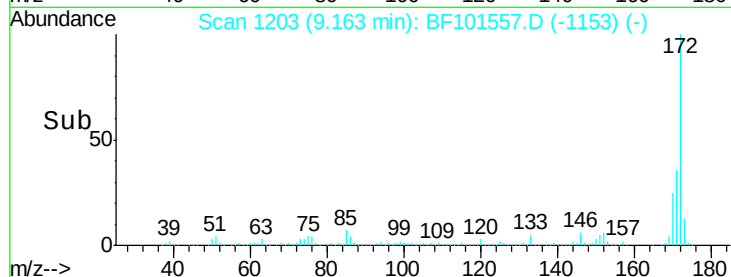
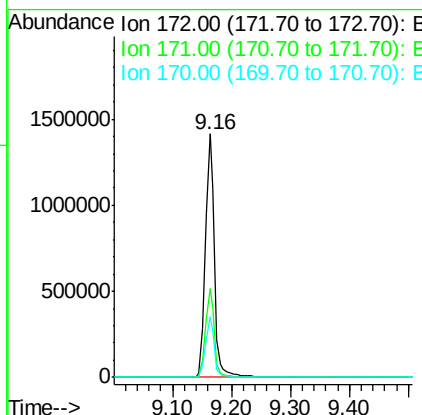
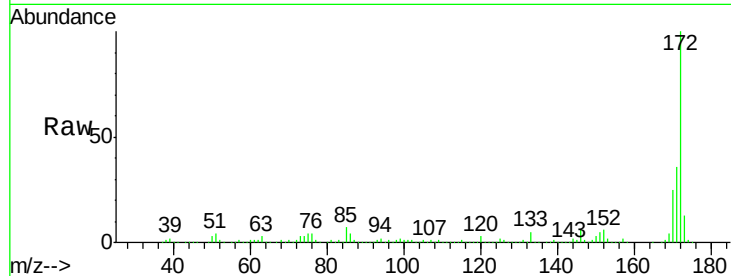




#44
2-Fluorobiphenyl
Concen: 84.232 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF101557.D
Acq: 20 Dec 2017 8:05

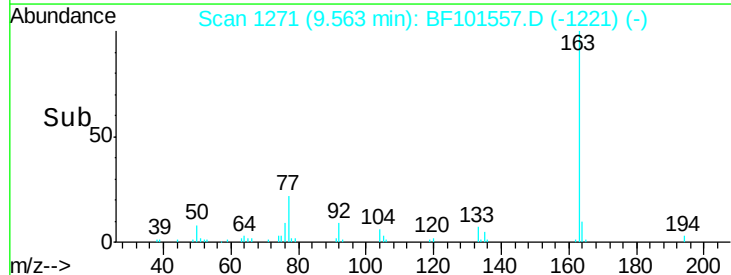
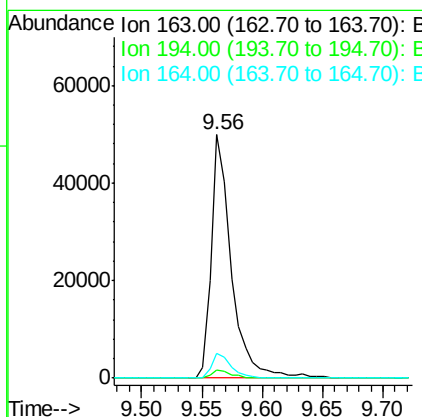
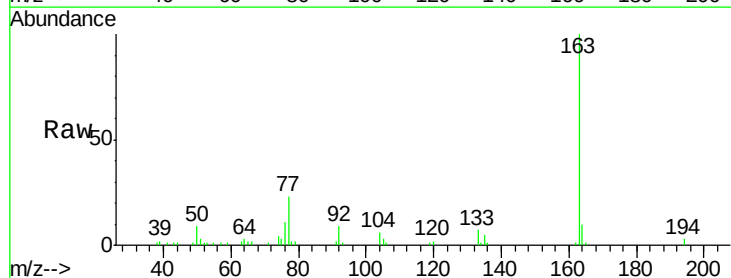
Instrument :
BNA_F
ClientSampleId :

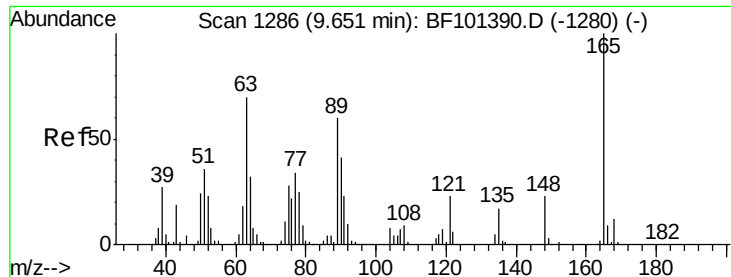
Tot Ion:172 Resp: 1508518
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.7 19.6 29.4



#49
Dimethylphthalate
Concen: 2.550 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF101557.D
Acq: 20 Dec 2017 8:05

Tgt Ion:163 Resp: 56984
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.1 8.2 12.2

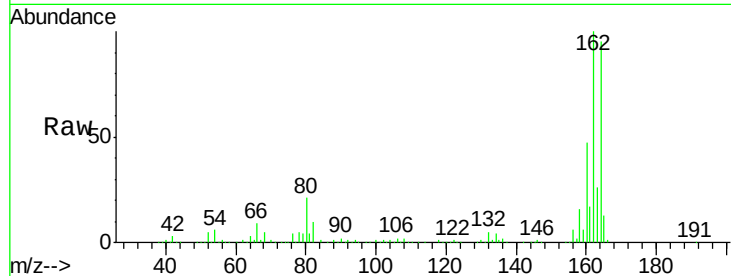




#50
2,6-Dinitrotoluene
Concen: 7.849 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.20 min
Lab File: BF101557.D
Acq: 20 Dec 2017 8:05

Instrument :
BNA_F
ClientSampleId :

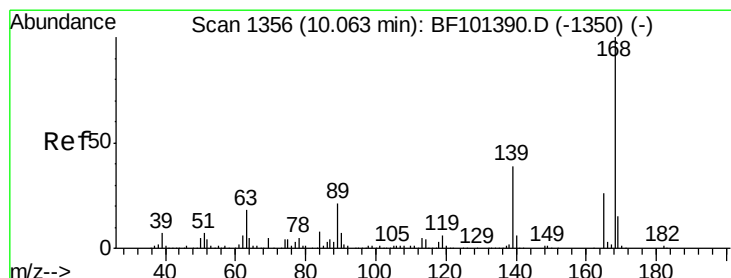
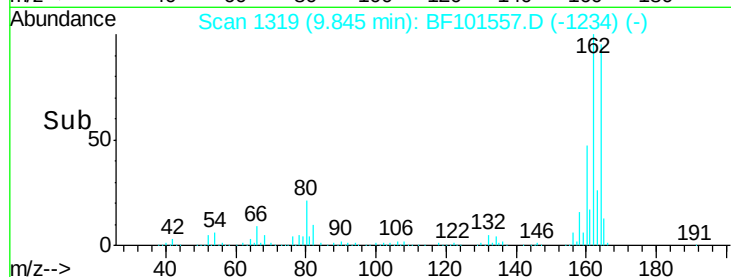
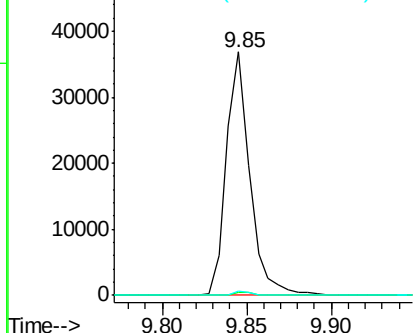
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	44.7	67.1#
89	1.9	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

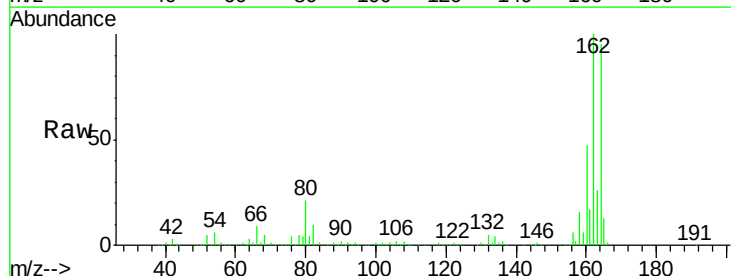
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
2,4-Dinitrotoluene
Concen: 6.966 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.21 min
Lab File: BF101557.D
Acq: 20 Dec 2017 8:05

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

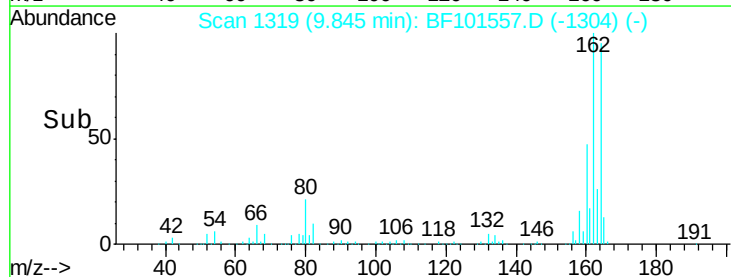
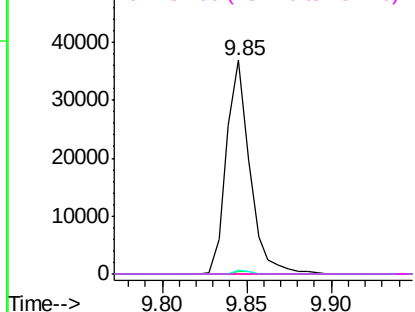


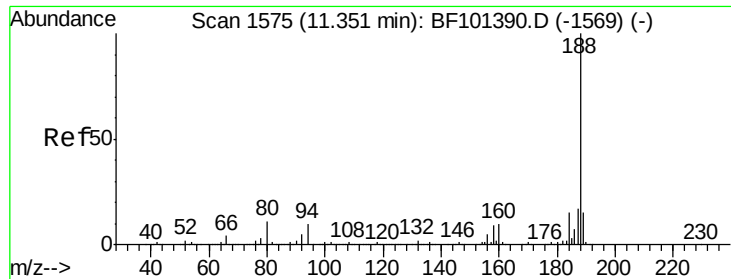
Abundance Ion 165.00 (164.70 to 165.70): E

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

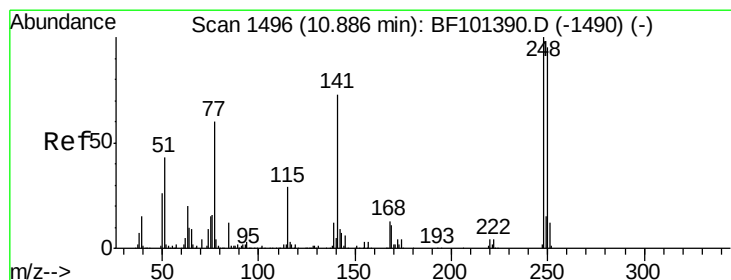
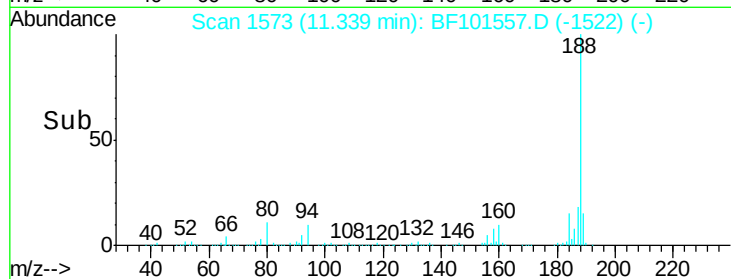
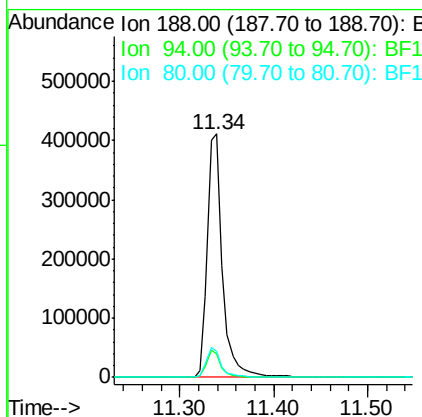
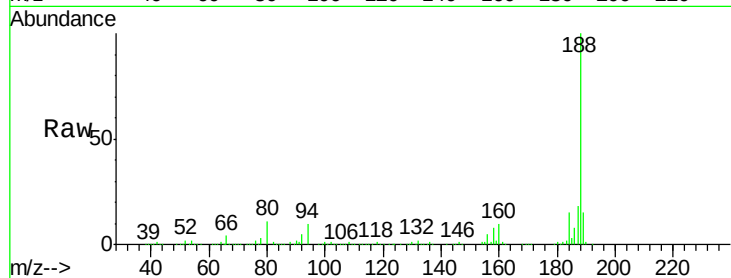




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BF101557.D
 Acq: 20 Dec 2017 8:05

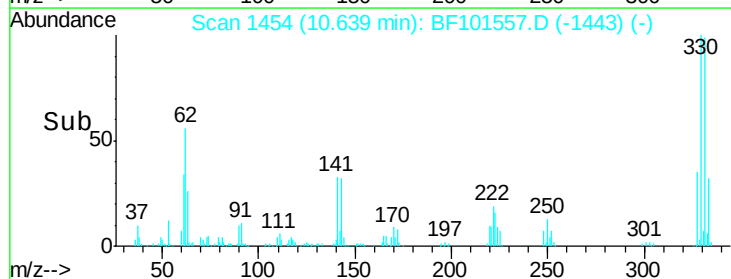
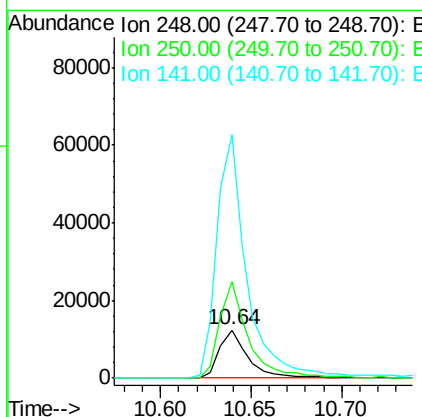
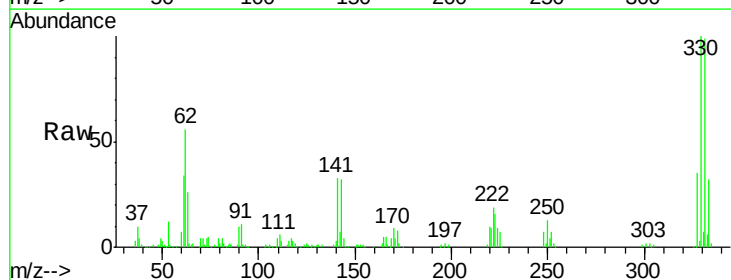
Instrument :
 BNA_F
 ClientSampled :

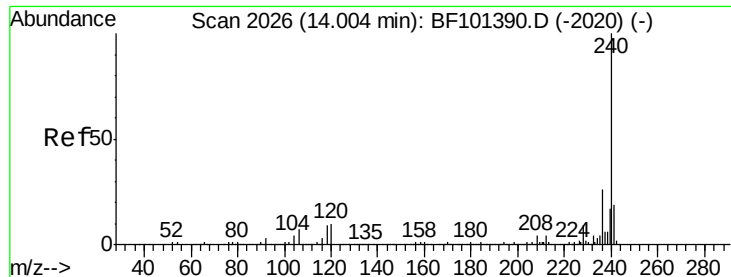
Tot Ion:188 Resp: 471260
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 10.5 9.2 13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.550 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF101557.D
 Acq: 20 Dec 2017 8:05

Tgt Ion:248 Resp: 13502
 Ion Ratio Lower Upper
 248 100
 250 201.0 76.9 115.3#
 141 505.6 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF101557.D

Acq: 20 Dec 2017 8:05

Instrument :

BNA_F

ClientSampleId :

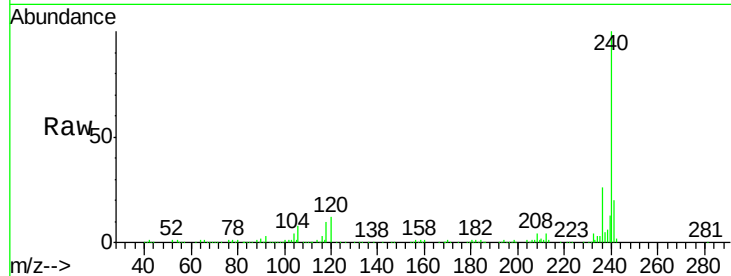
Tot Ion:240 Resp: 327165

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

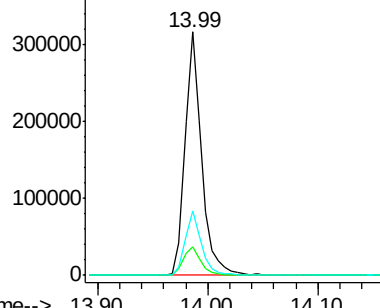
236 26.3 20.7 31.1



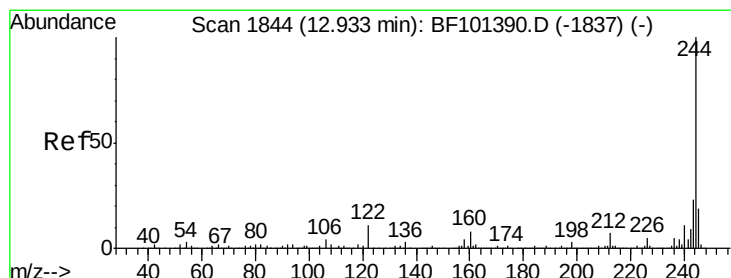
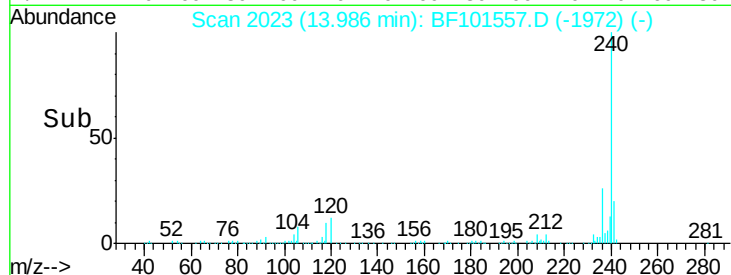
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.90 14.00 14.10



#78

Terphenyl-d14

Concen: 82.137 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF101557.D

Acq: 20 Dec 2017 8:05

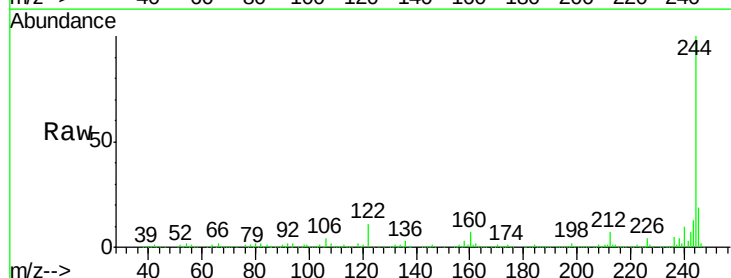
Tgt Ion:244 Resp: 1114679

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

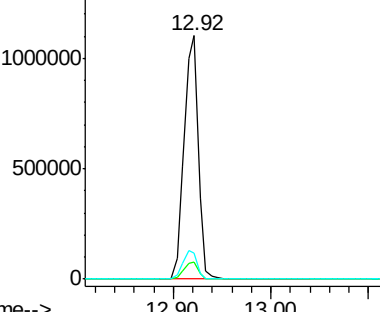
122 10.9 11.0 16.4#



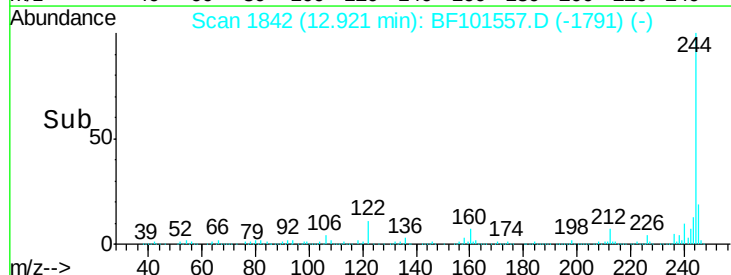
Abundance Ion 244.00 (243.70 to 244.70): E

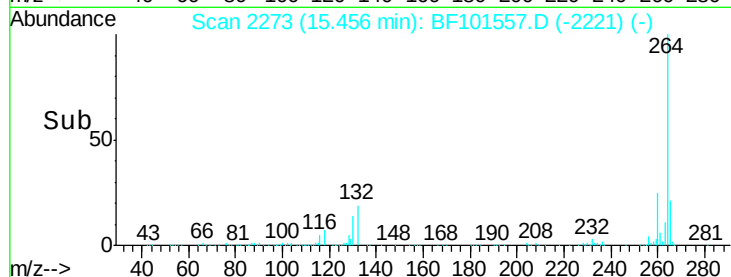
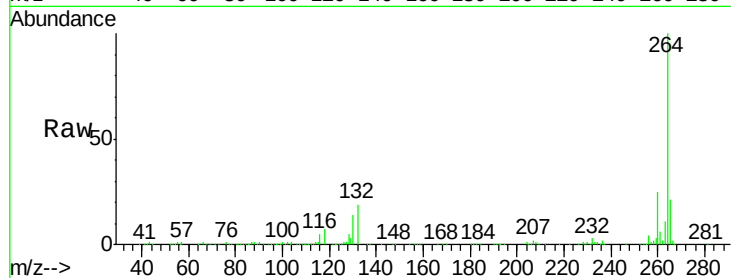
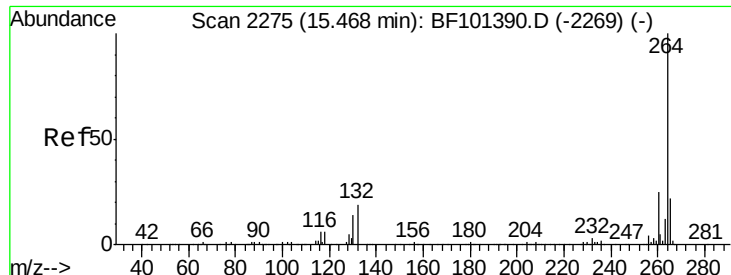
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.90 13.00





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF101557.D
 Acq: 20 Dec 2017 8:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.5	17.5	26.3

