

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101281.D
 Acq On : 11 Dec 2017 11:34
 Operator : SJ/JU
 Sample : I6746-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 11 12:20:10 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

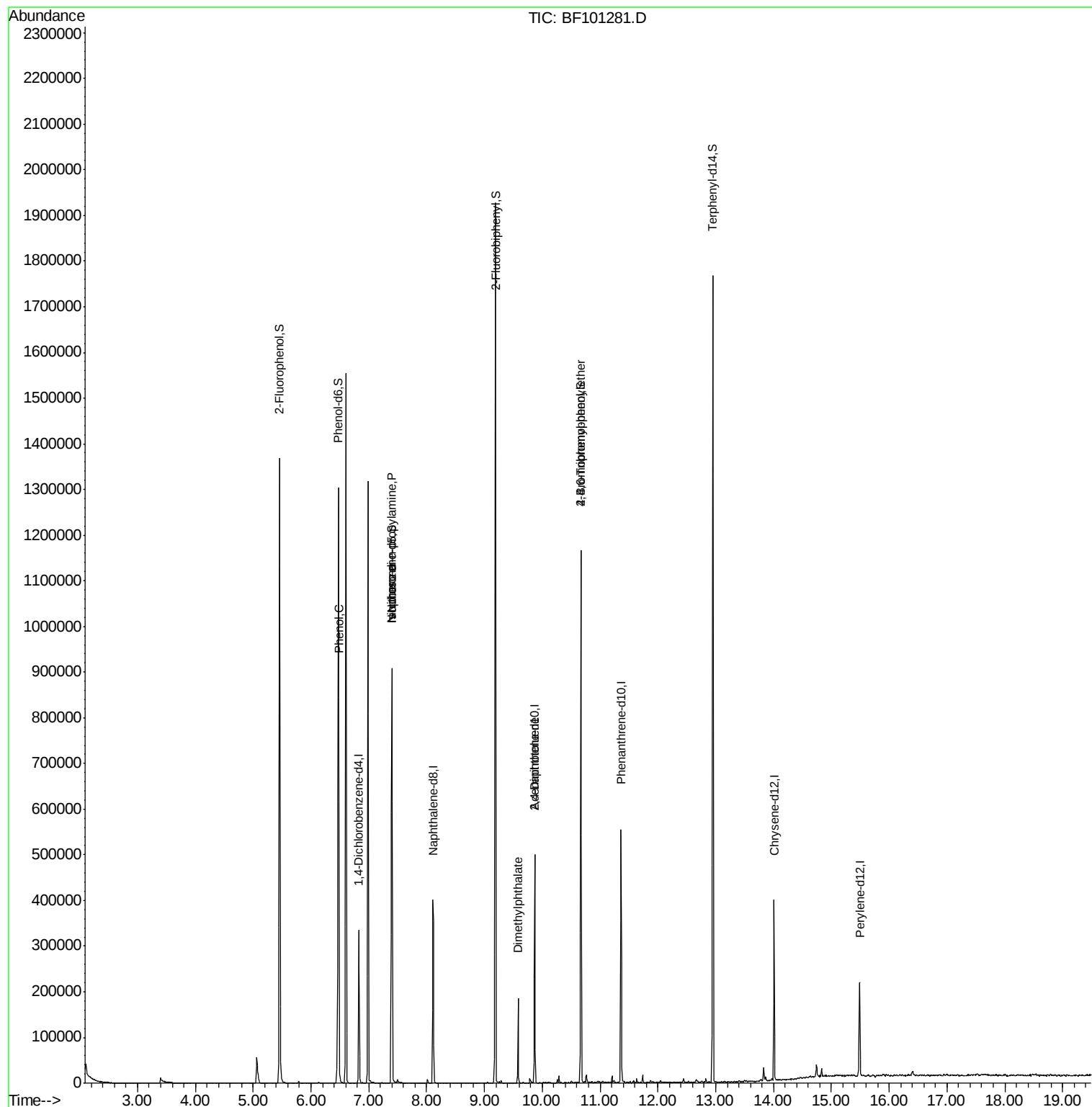
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	48790	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	195655	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	96669	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	192677	20.00	ng	0.00
75) Chrysene-d12	14.02	240	148807	20.00	ng	0.01
86) Perylene-d12	15.49	264	104929	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	415906	140.86	ng	0.02
7) Phenol-d6	6.47	99	510236	142.34	ng	0.01
23) Nitrobenzene-d5	7.40	82	314927	96.02	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	145966	125.70	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	653950	92.56	ng	0.00
78) Terphenyl-d14	12.95	244	677897	99.64	ng	0.01
Target Compounds						
10) Phenol	6.49	94	19359	4.857	ng	94
19) n-Nitroso-di-n-propylamine	7.40	70	40941	16.958	ng	# 81
25) Isophorone	7.40	82	314921	56.212	ng	# 64
49) Dimethylphthalate	9.58	163	69460	8.910	ng	# 99
56) 2,4-Dinitrotoluene	9.87	165	11789	5.357	ng	# 23
66) 4-Bromophenyl-phenylether	10.67	248	9403	4.360	ng	# 1

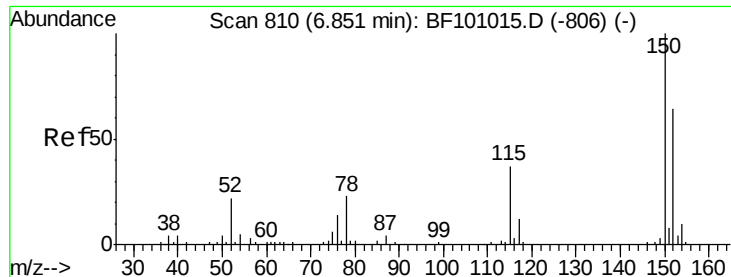
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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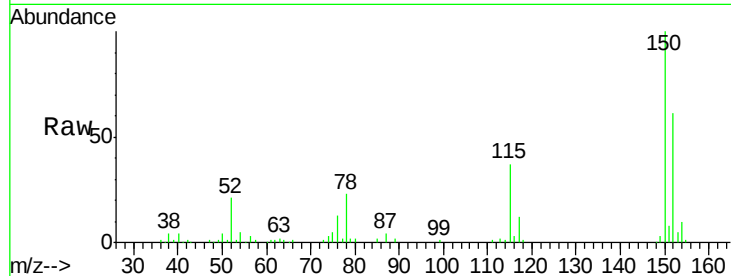


#1

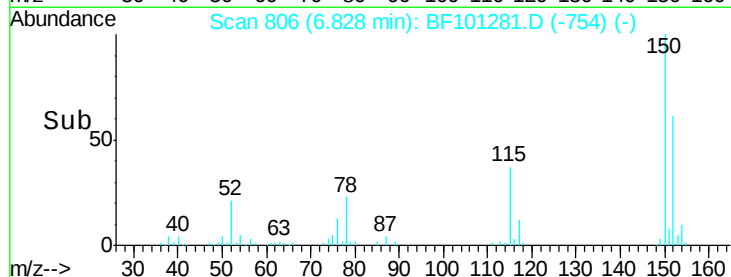
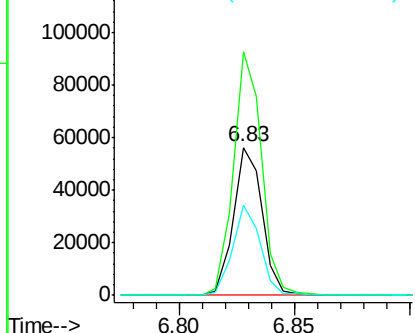
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 48790
Ion Ratio Lower Upper
152 100
150 164.8 124.6 186.8
115 61.1 50.1 75.1



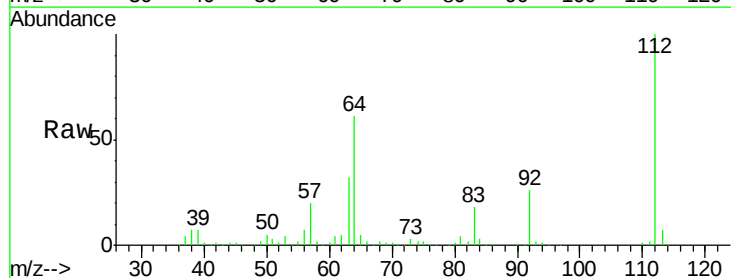
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



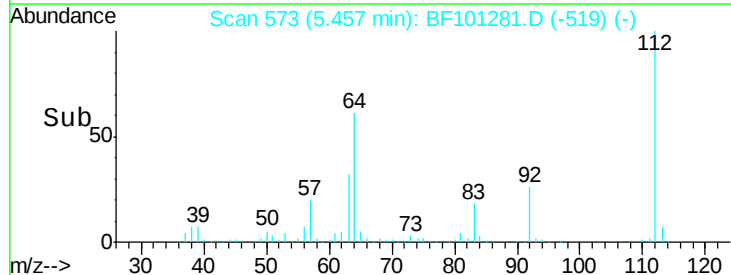
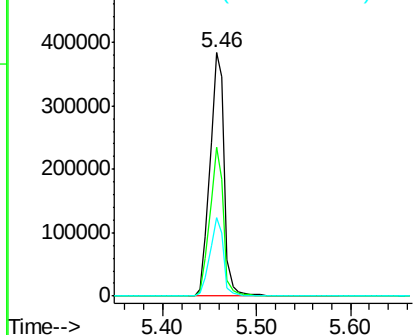
#5

2-Fluorophenol
Concen: 140.861 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

Tgt Ion:112 Resp: 415906
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 32.2 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: 142.336 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101281.D

Acq: 11 Dec 2017 11:34

Instrument :

BNA_F

ClientSampled :

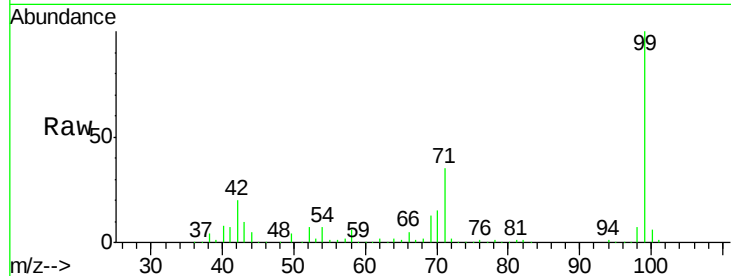
Tot Ion: 99 Resp: 510236

Ion Ratio Lower Upper

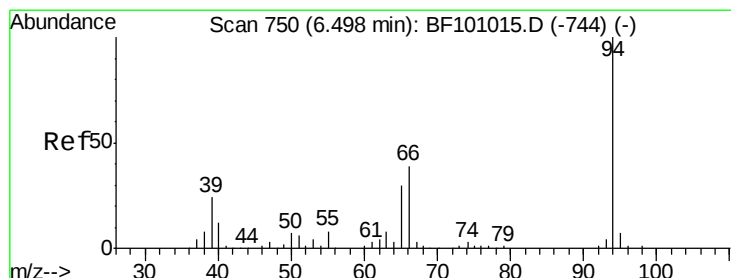
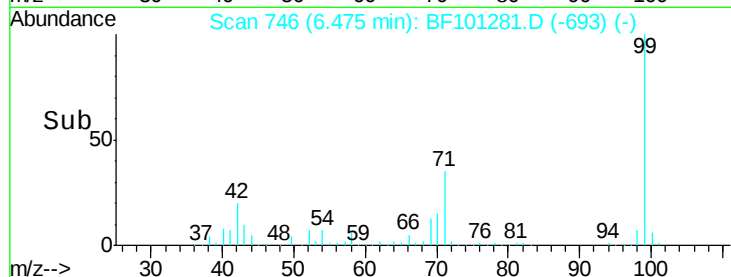
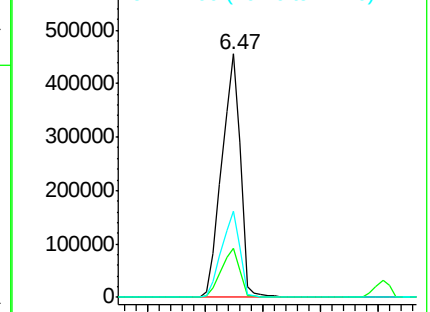
99 100

42 19.9 14.5 21.7

71 35.4 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: 4.857 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101281.D

Acq: 11 Dec 2017 11:34

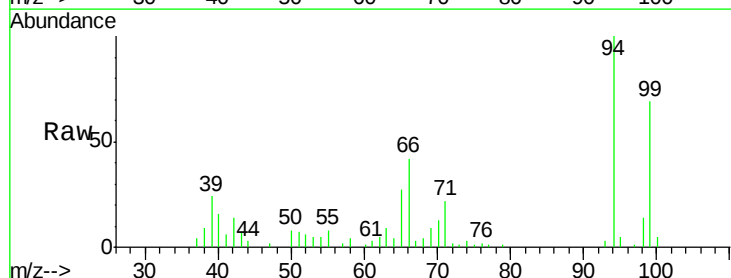
Tgt Ion: 94 Resp: 19359

Ion Ratio Lower Upper

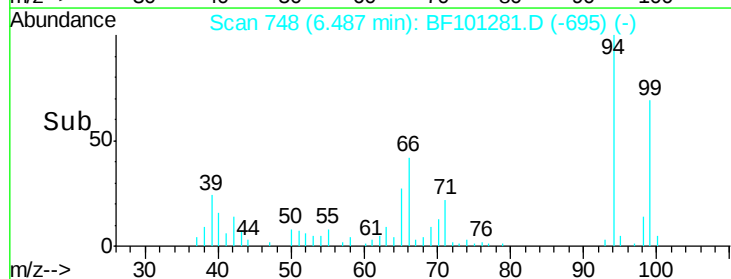
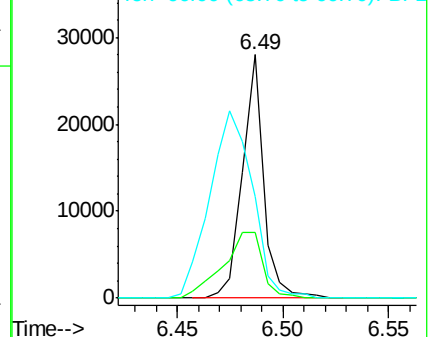
94 100

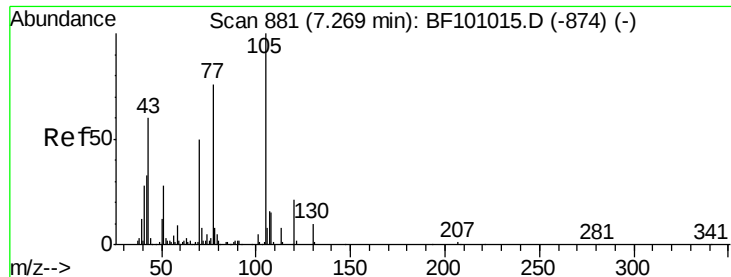
65 26.8 7.9 47.9

66 41.8 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

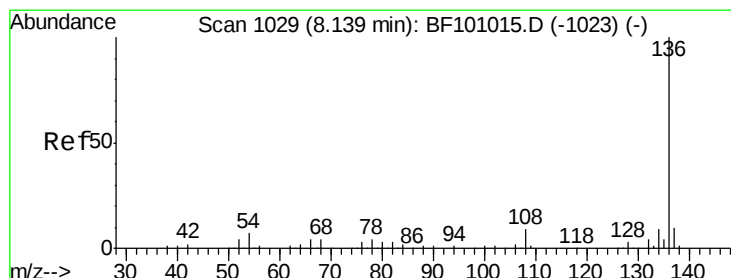
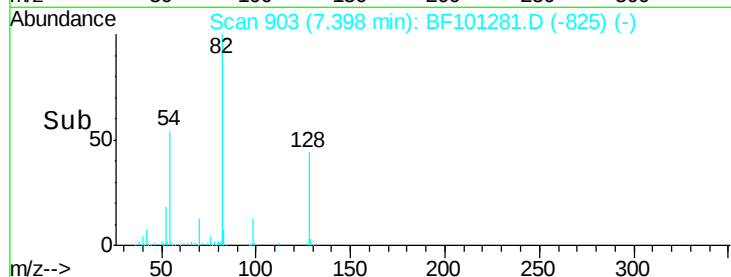
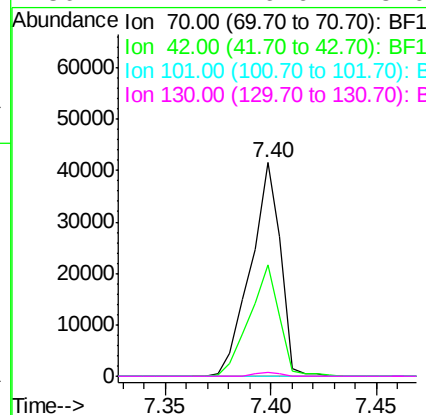
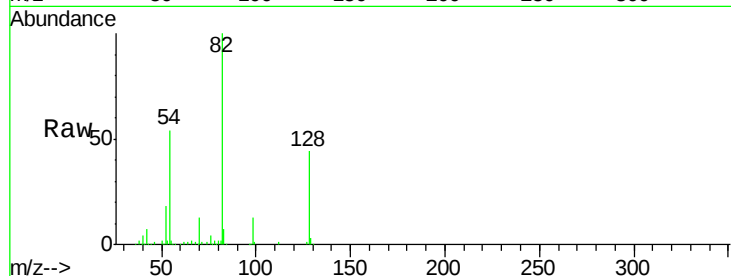




#19
n-Nitroso-di-n-propylamine
Concen: 16.958 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.16 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

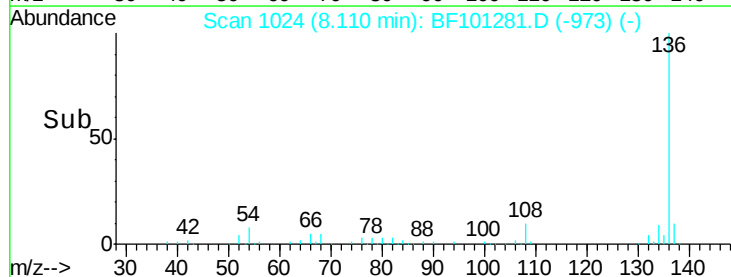
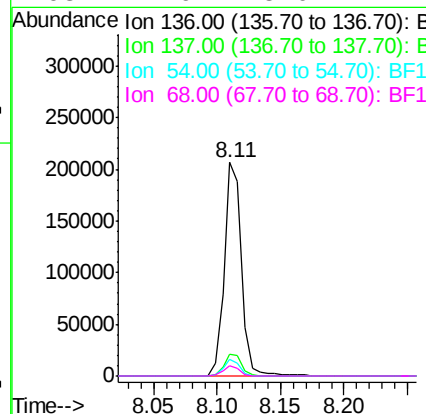
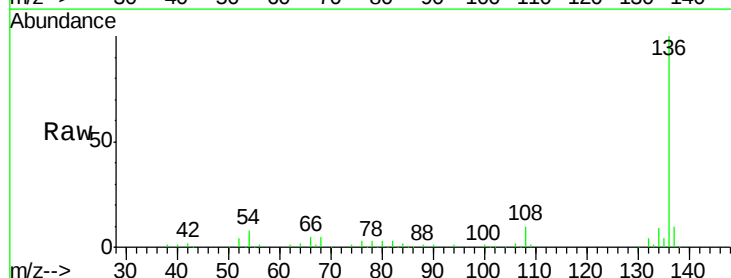
Instrument :
BNA_F
ClientSampleId :

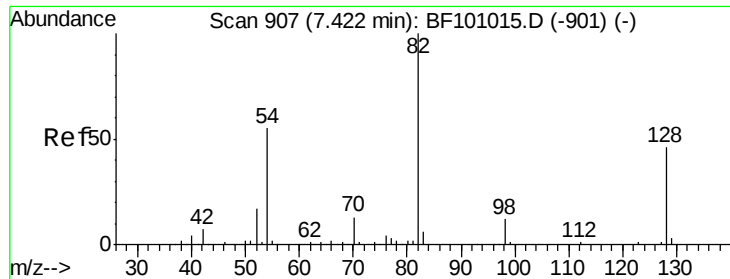
Tot Ion: 70 Resp: 40941
Ion Ratio Lower Upper
70 100
42 52.1 47.5 71.3
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

Tgt Ion:136 Resp: 195655
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 7.6 6.6 9.8
68 4.9 5.0 7.4#

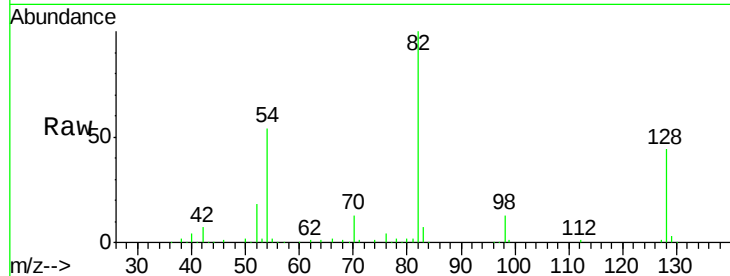




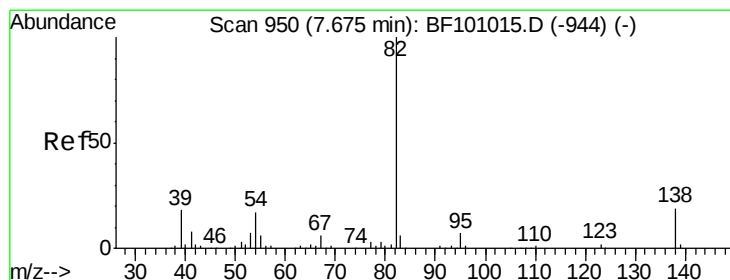
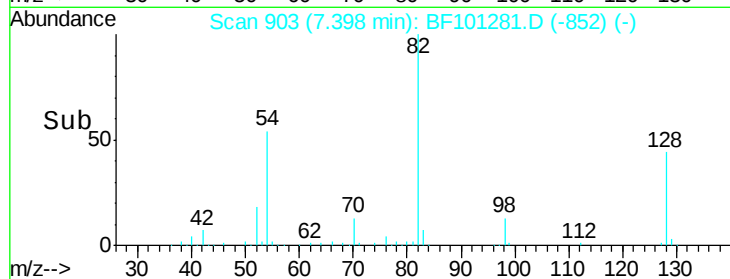
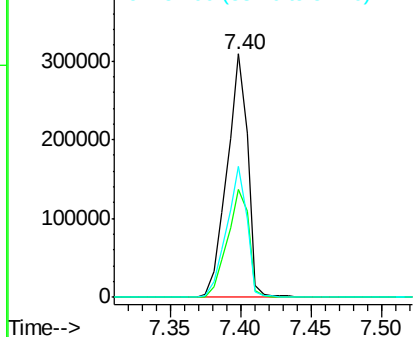
#23
Nitrobenzene-d5
Concen: 96.018 ng
RT: 7.40 min Scan# 903
Delta R.T. 0.00 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 314927
Ion Ratio Lower Upper
82 100
128 44.4 36.1 54.1
54 54.0 41.4 62.2

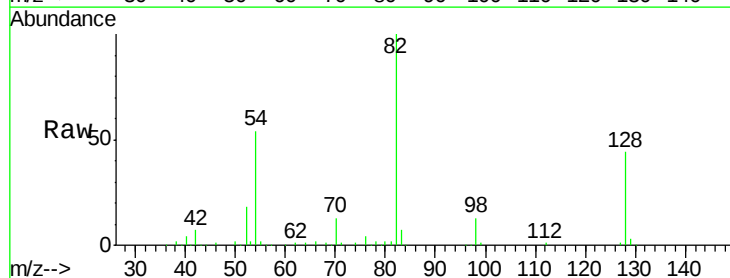


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

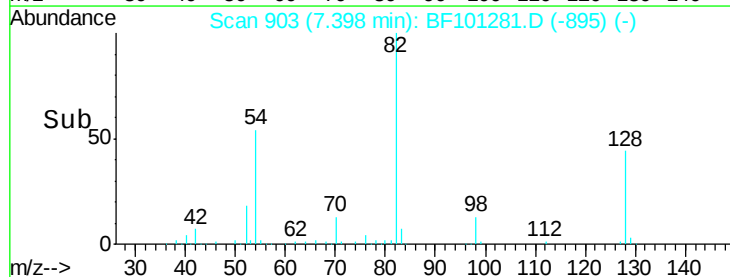
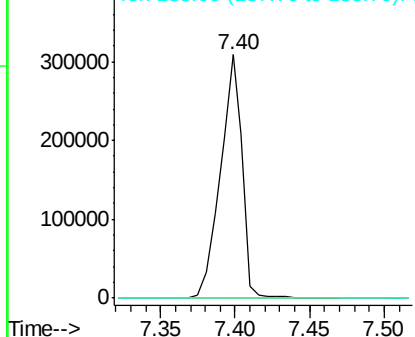


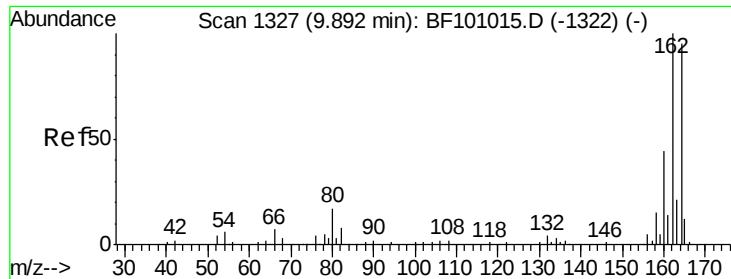
#25
Isophorone
Concen: 56.212 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.25 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

Tgt Ion: 82 Resp: 314921
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

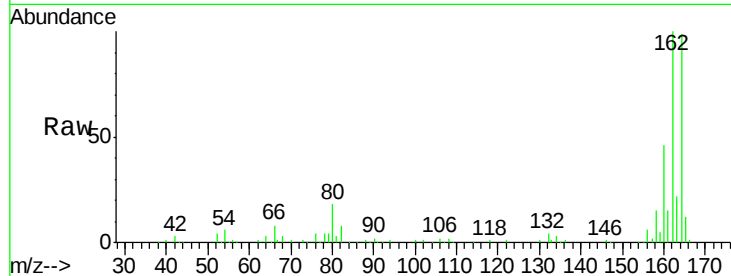




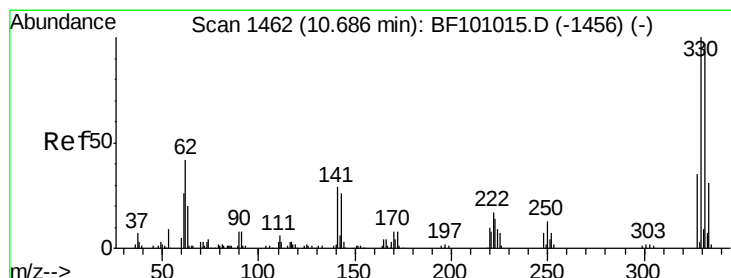
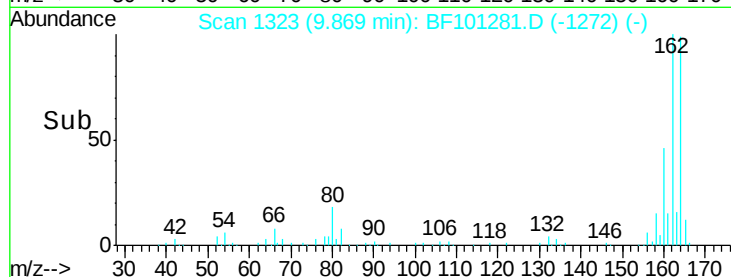
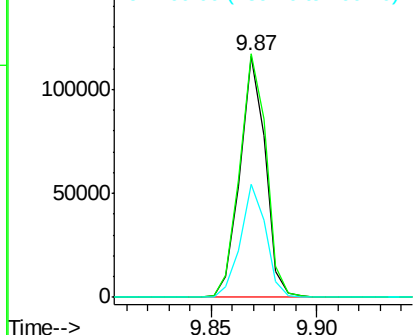
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF101281.D
 Acq: 11 Dec 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 96669
 Ion Ratio Lower Upper
 164 100
 162 100.8 86.1 129.1
 160 46.7 38.3 57.5

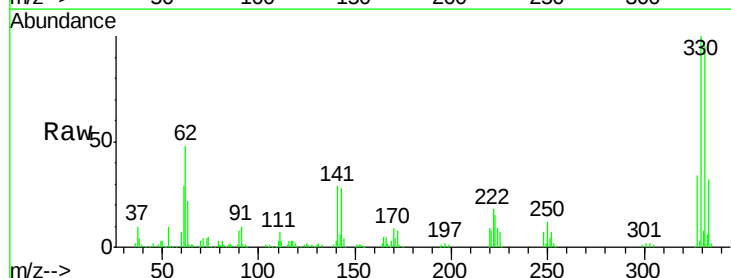


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

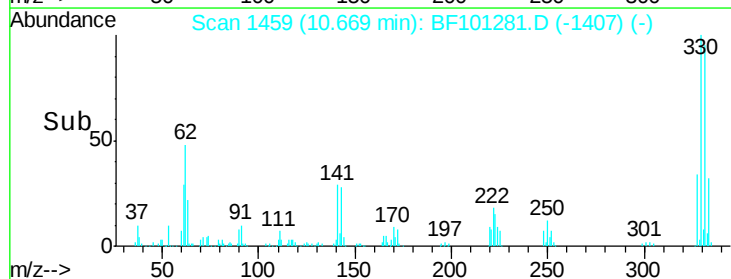
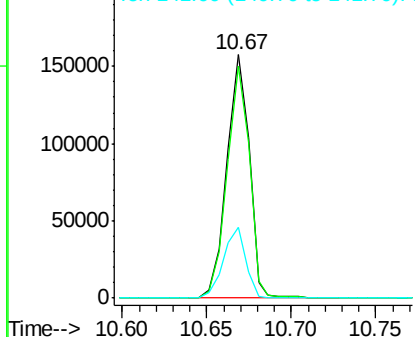


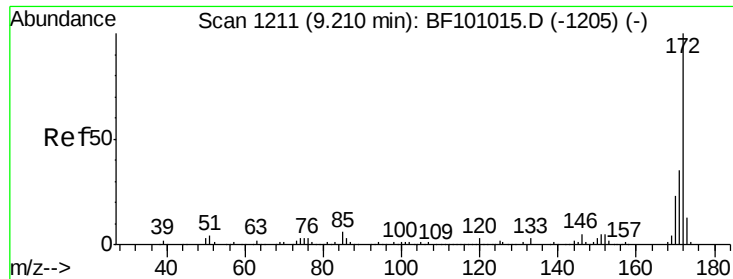
#41
 2,4,6-Tribromophenol
 Concen: 125.695 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF101281.D
 Acq: 11 Dec 2017 11:34

Tgt Ion:330 Resp: 145966
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 29.1 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

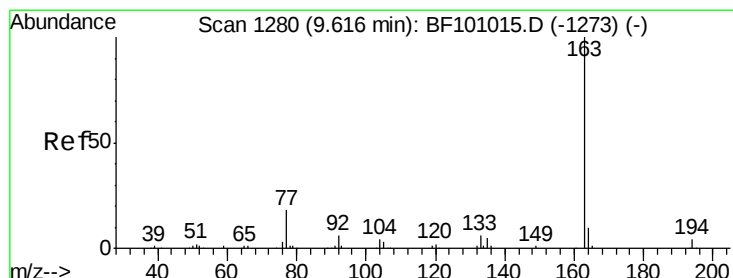
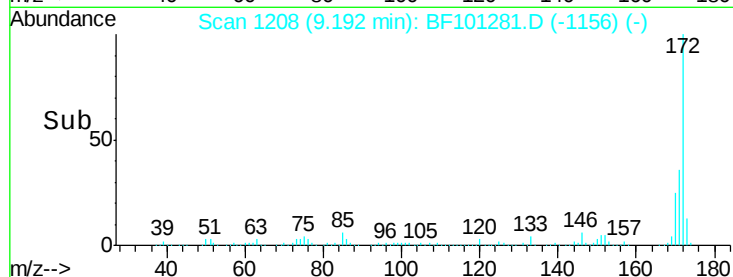
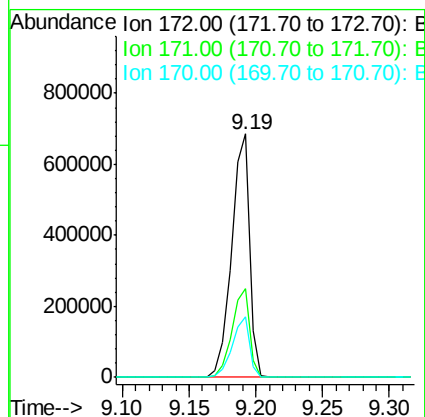
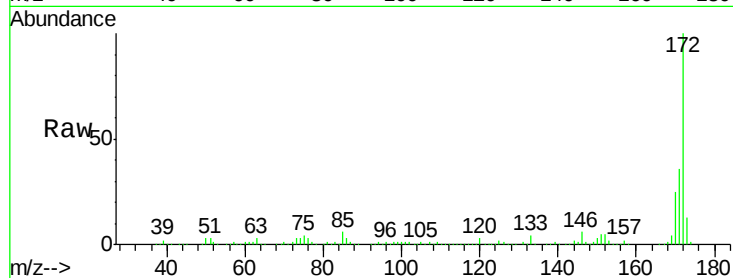




#44
2-Fluorobiphenyl
Concen: 92.556 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

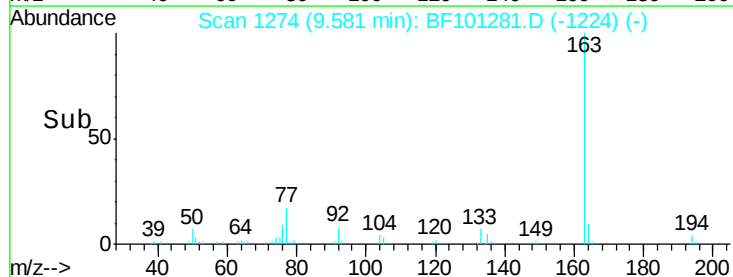
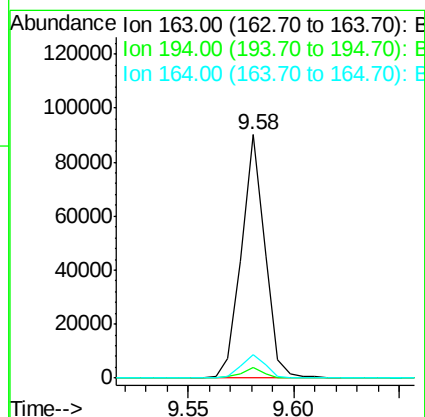
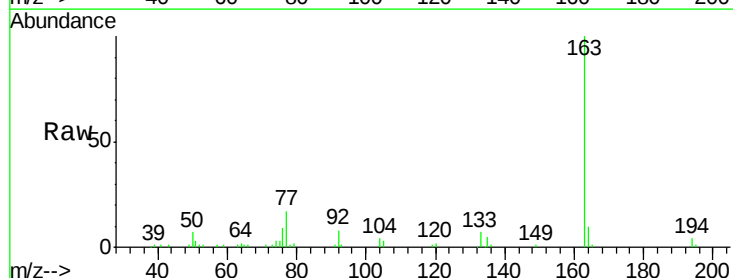
Instrument :
BNA_F
ClientSampleId :

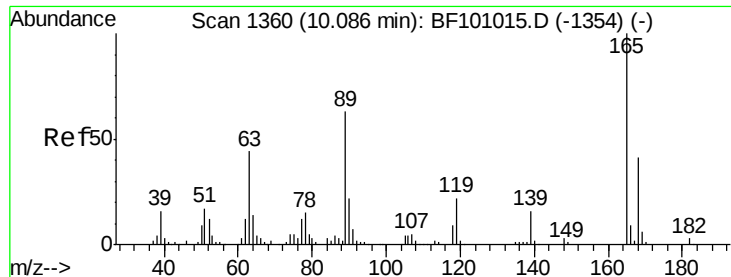
Tot Ion:172 Resp: 653950
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.7 19.6 29.4



#49
Dimethylphthalate
Concen: 8.910 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

Tgt Ion:163 Resp: 69460
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.8 8.2 12.2

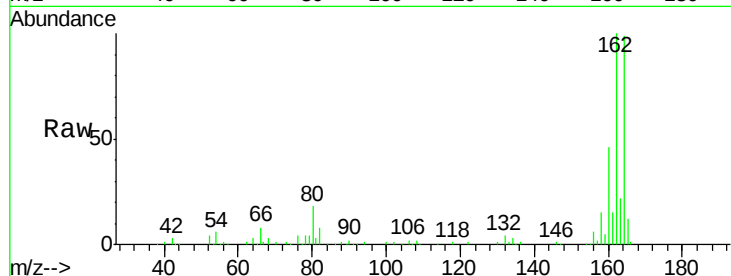




#56
 2,4-Dinitrotoluene
 Concen: 5.357 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.19 min
 Lab File: BF101281.D
 Acq: 11 Dec 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	11789
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	2.2	57.8 86.6#
182	0.0	1.6 2.4#

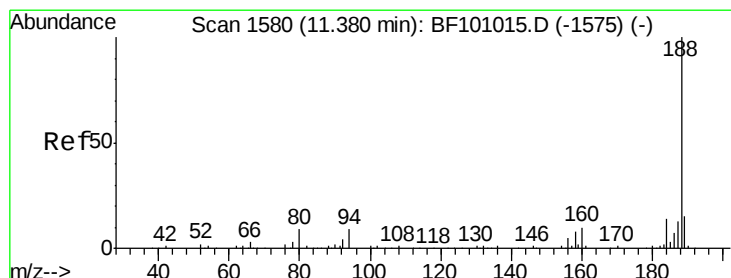
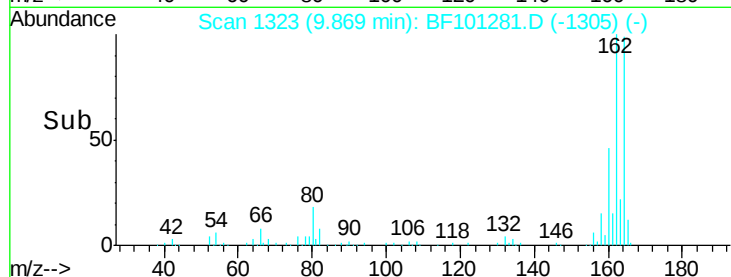
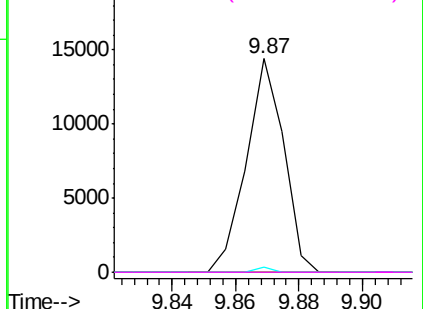


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

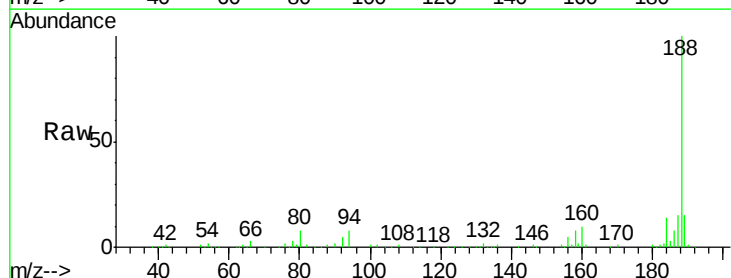
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BF101281.D
 Acq: 11 Dec 2017 11:34

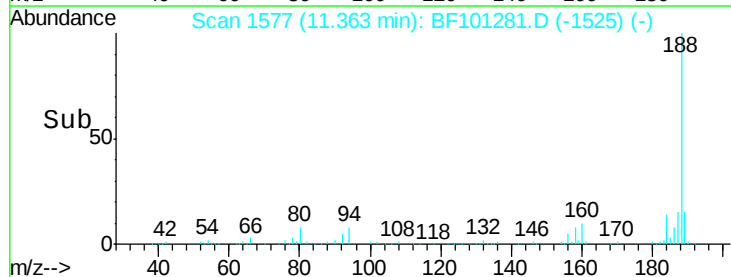
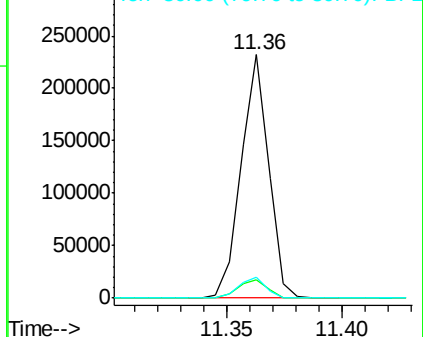
Tgt Ion:188	Resp:	192677
Ion Ratio	Lower	Upper
188	100	
94	7.8	8.5 12.7#
80	8.4	9.2 13.8#

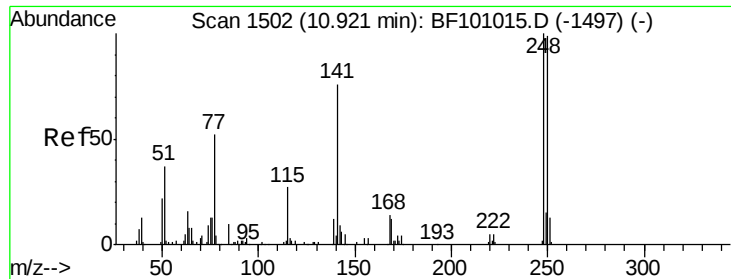


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

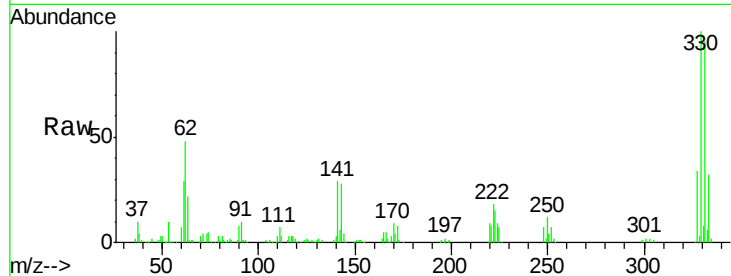




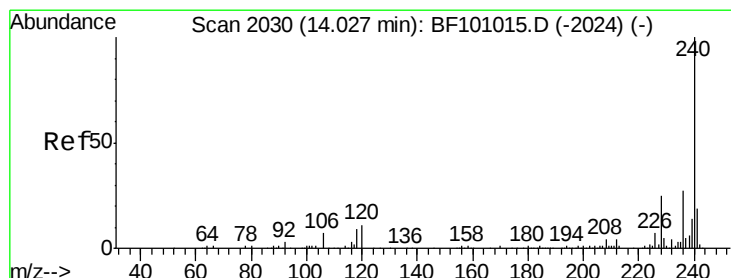
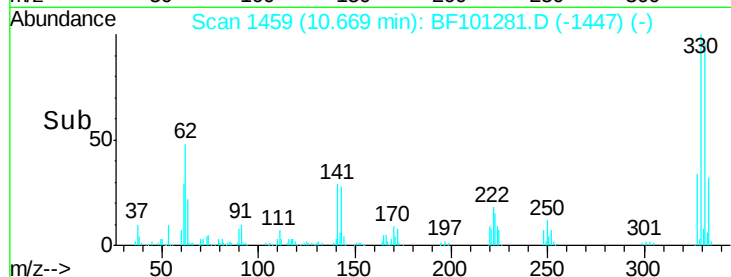
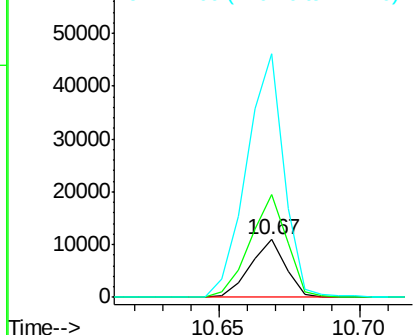
#66
4-Bromophenyl-phenylether
Concen: 4.360 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.23 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 9403
Ion Ratio Lower Upper
248 100
250 177.7 76.9 115.3#
141 423.2 74.4 111.6#

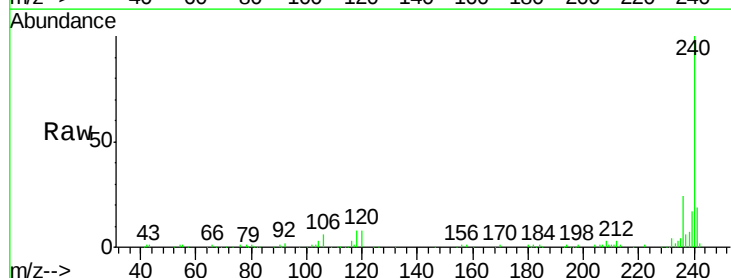


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

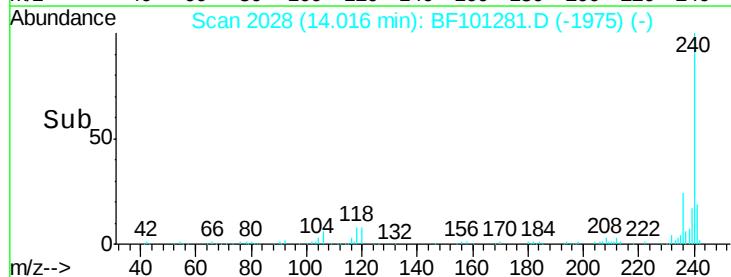
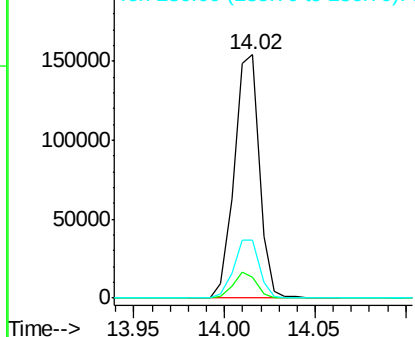


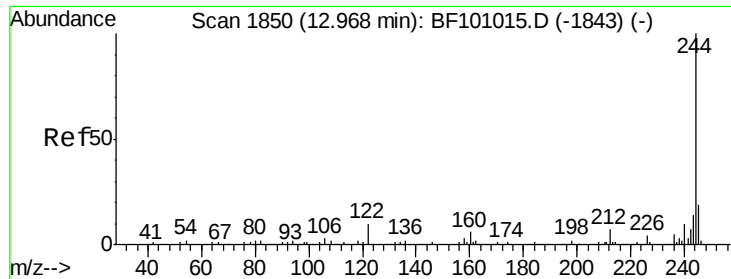
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF101281.D
Acq: 11 Dec 2017 11:34

Tgt Ion:240 Resp: 148807
Ion Ratio Lower Upper
240 100
120 8.5 9.5 14.3#
236 24.0 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

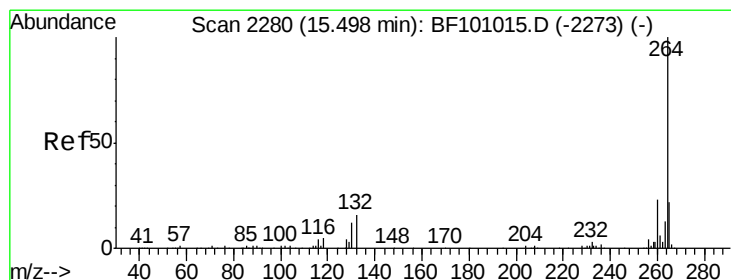
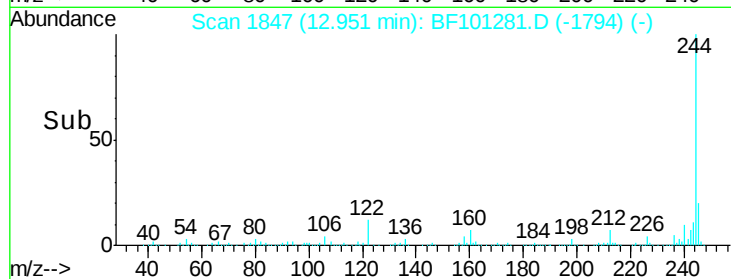
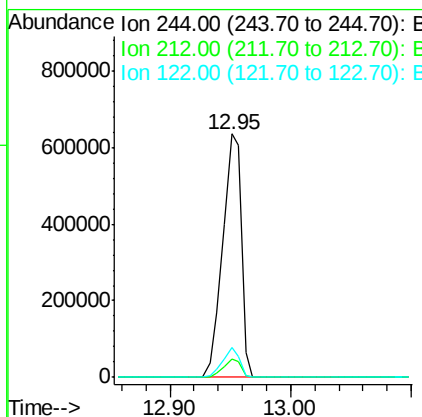
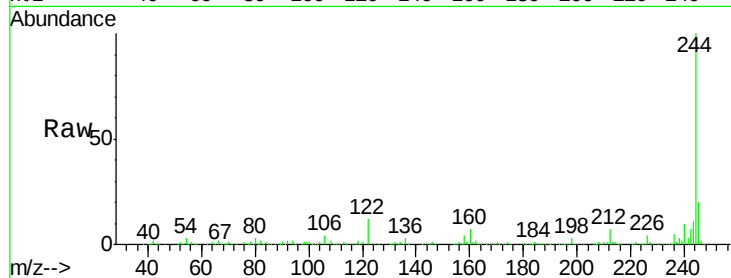




#78
 Terphenyl-d14
 Concen: 99.642 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. 0.01 min
 Lab File: BF101281.D
 Acq: 11 Dec 2017 11:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 677897
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 12.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.02 min
 Lab File: BF101281.D
 Acq: 11 Dec 2017 11:34

Tgt Ion:264 Resp: 104929
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.2 17.5 26.3

