

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101227.D
 Acq On : 8 Dec 2017 2:05
 Operator : SJ/JU
 Sample : I6731-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 08 05:08:26 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

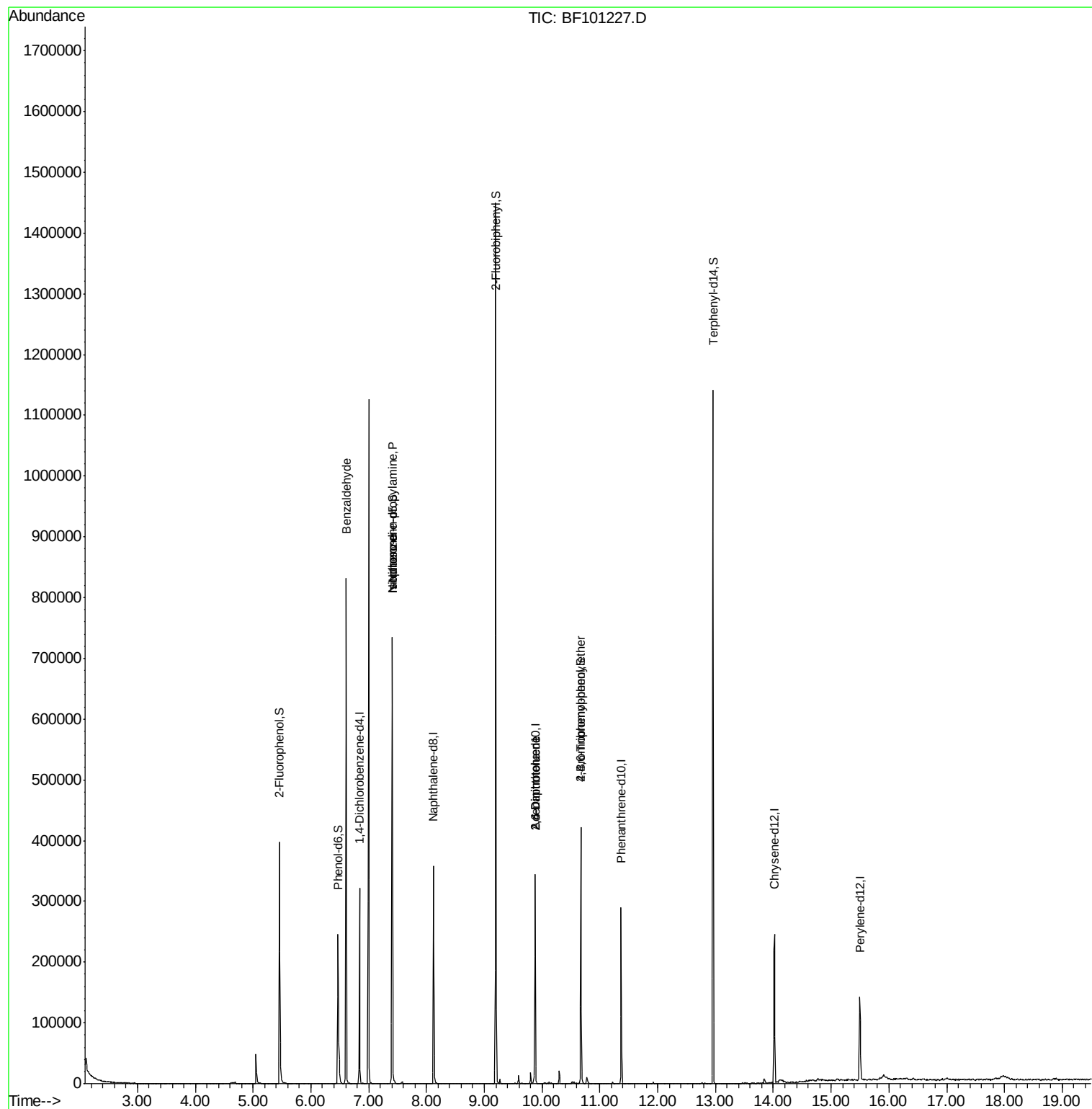
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	43597	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	156865	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	64587	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	107941	20.00	ng	0.00
75) Chrysene-d12	14.02	240	88166	20.00	ng	0.00
86) Perylene-d12	15.50	264	68878	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	109698	41.58	ng	0.00
7) Phenol-d6	6.47	99	80560	25.15	ng	-0.01
23) Nitrobenzene-d5	7.41	82	237884	90.46	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	55522	71.56	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	482952	102.31	ng	-0.01
78) Terphenyl-d14	12.96	244	370999	92.04	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	4266	2.176	ng	88
19) n-Nitroso-di-n-propylamine	7.41	70	30969	14.356	ng	# 77
25) Isophorone	7.41	82	237882	52.960	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	8077	7.362	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	8077	5.493	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	3380	2.798	ng	# 1

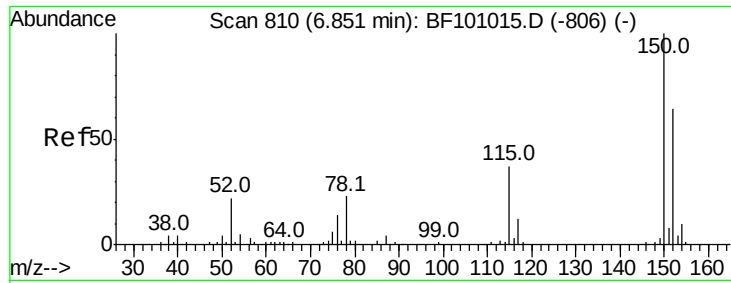
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
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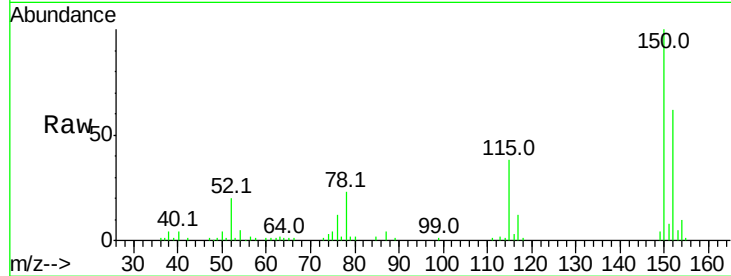


#1

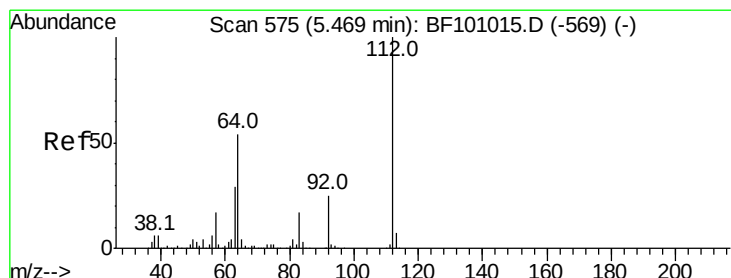
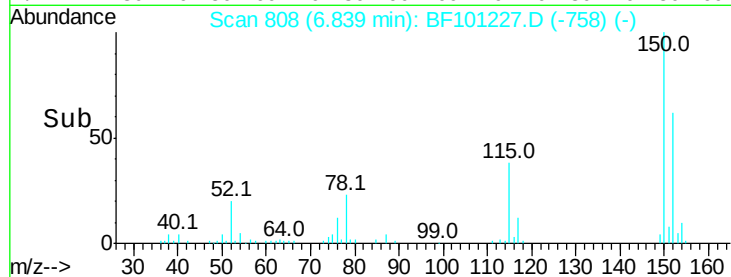
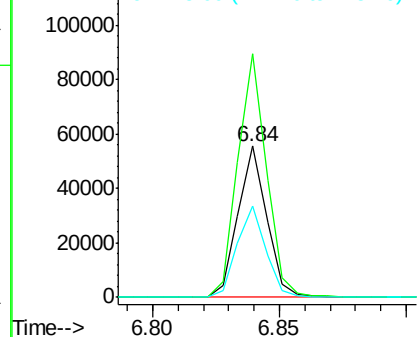
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101227.D
Acq: 8 Dec 2017 2:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 43597
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 60.7 50.1 75.1



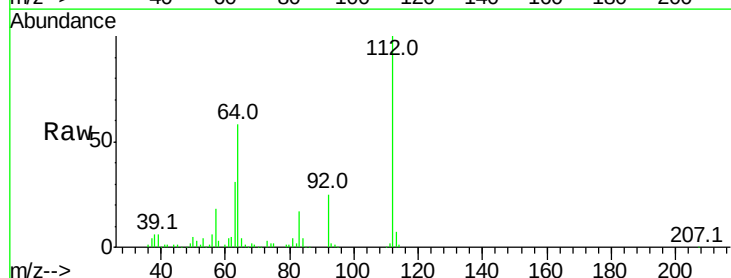
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



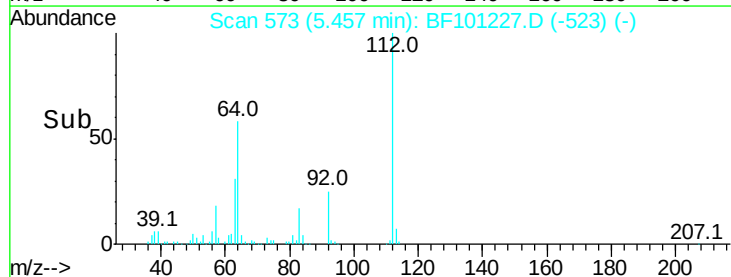
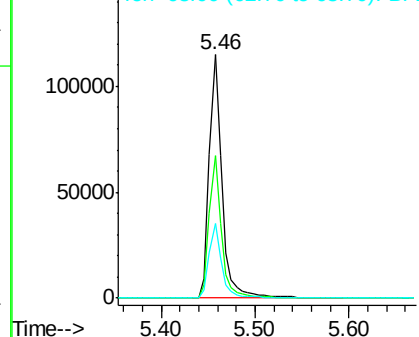
#5

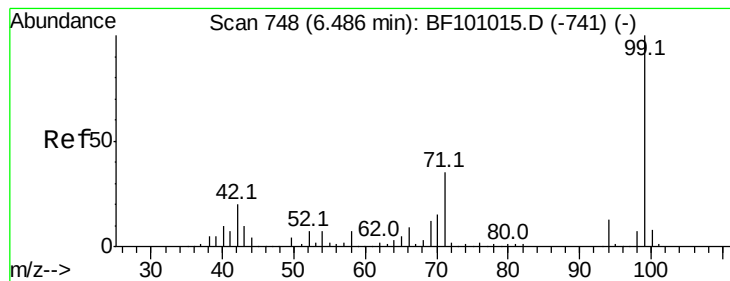
2-Fluorophenol
Concen: 41.579 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101227.D
Acq: 8 Dec 2017 2:05

Tgt Ion:112 Resp: 109698
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 30.6 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: 25.150 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101227.D

Acq: 8 Dec 2017 2:05

Instrument :

BNA_F

ClientSampled :

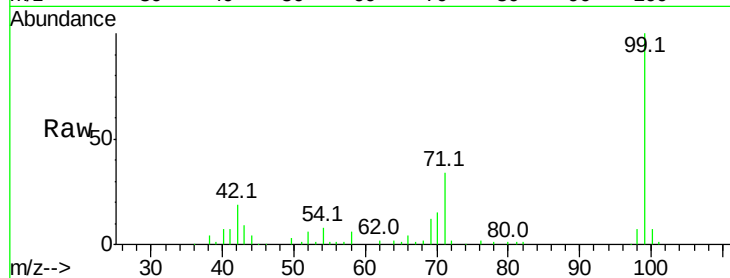
Tot Ion: 99 Resp: 80560

Ion Ratio Lower Upper

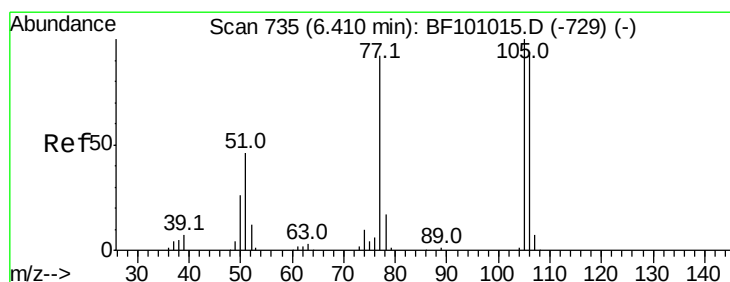
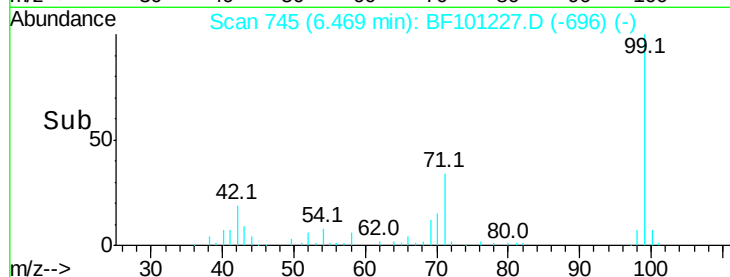
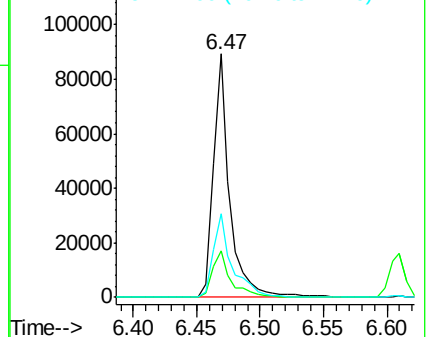
99 100

42 19.1 14.5 21.7

71 34.2 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



#9

Benzaldehyde

Concen: 2.176 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.21 min

Lab File: BF101227.D

Acq: 8 Dec 2017 2:05

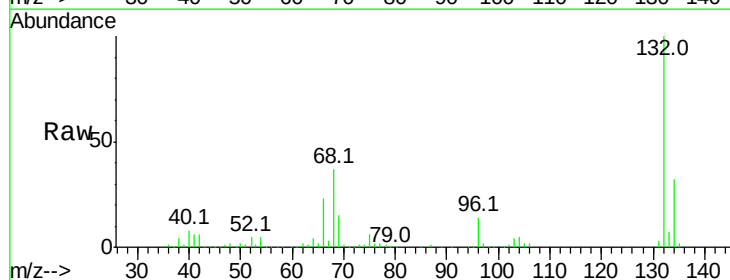
Tgt Ion: 77 Resp: 4266

Ion Ratio Lower Upper

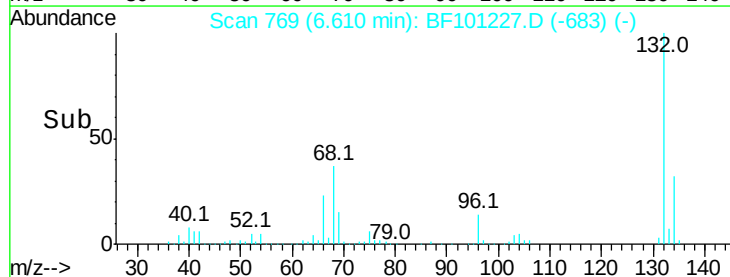
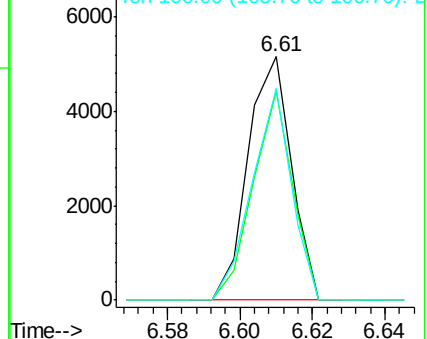
77 100

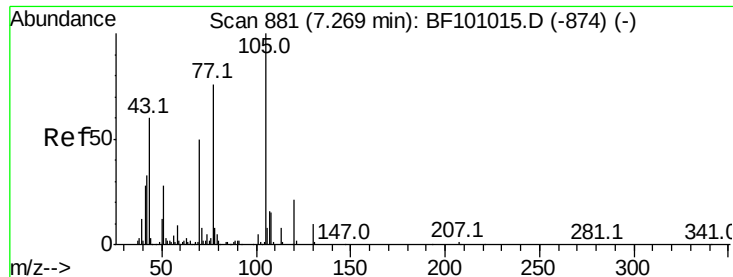
105 85.8 81.1 121.1

106 87.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 106.00 (105.70 to 106.70): BF1

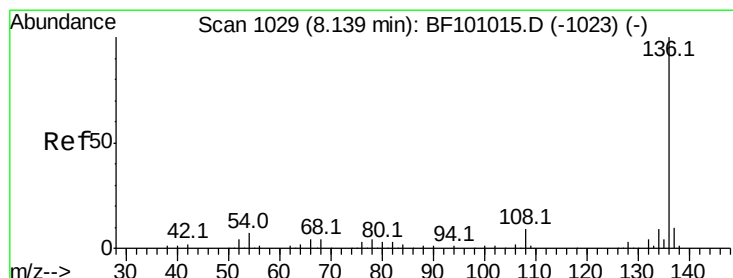
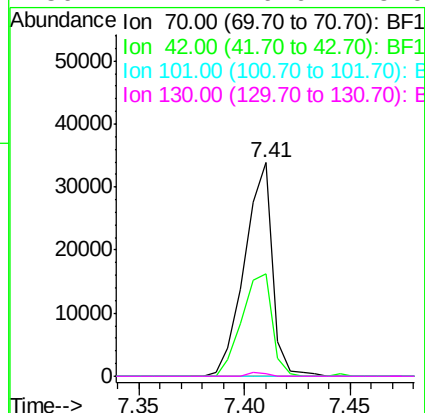
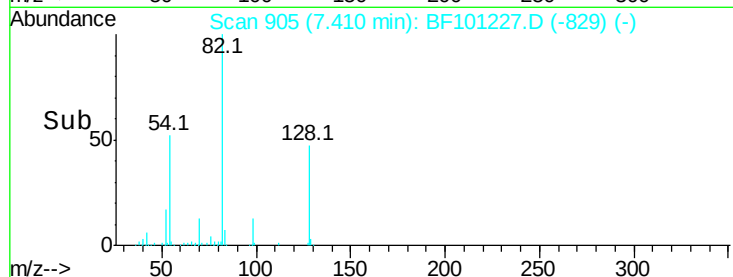
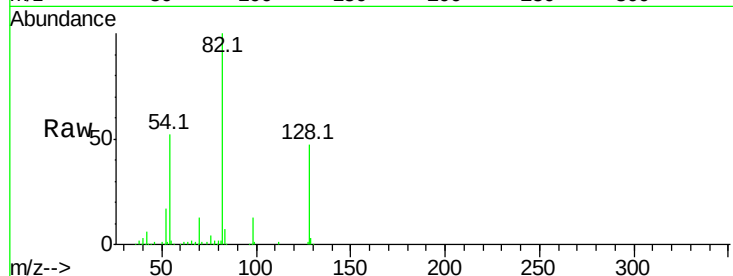




#19
n-Nitroso-di-n-propylamine
Concen: 14.356 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF101227.D
Acq: 8 Dec 2017 2:05

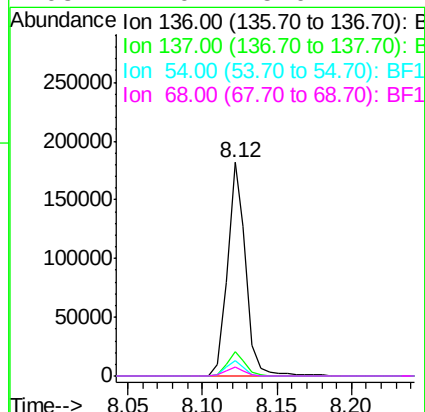
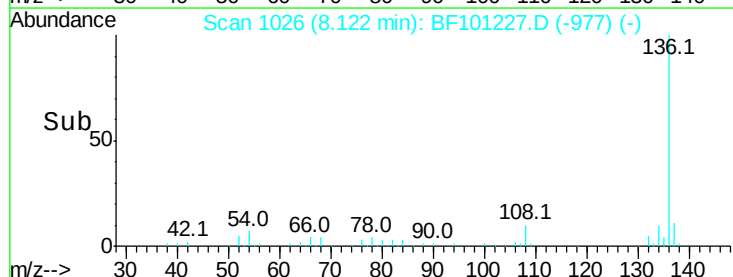
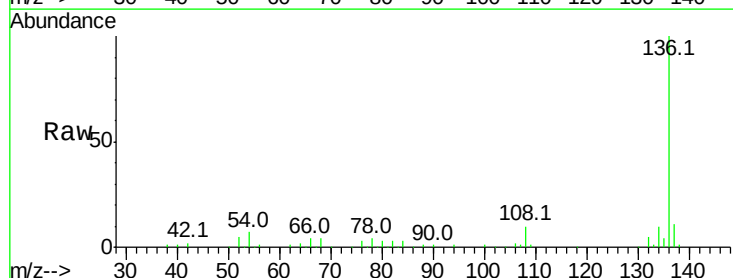
Instrument :
BNA_F
ClientSampleId :

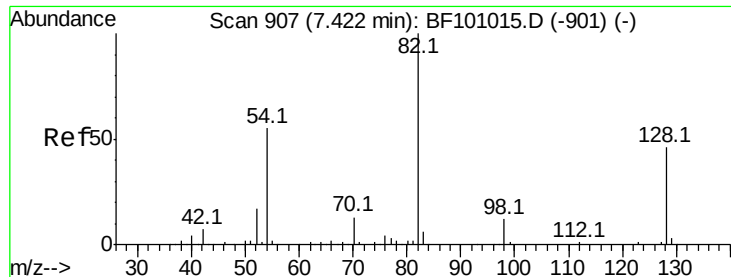
Tot Ion: 70 Resp: 30969
Ion Ratio Lower Upper
70 100
42 47.7 47.5 71.3
101 0.0 7.4 11.2#
130 1.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF101227.D
Acq: 8 Dec 2017 2:05

Tgt Ion:136 Resp: 156865
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 7.5 6.6 9.8
68 4.0 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 90.463 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF101227.D

Acq: 8 Dec 2017 2:05

Instrument :

BNA_F

ClientSampleId :

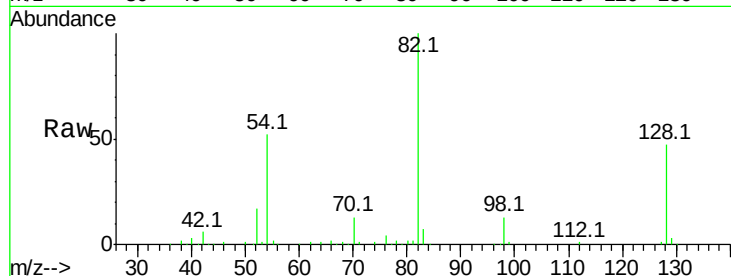
Tot Ion: 82 Resp: 237884

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

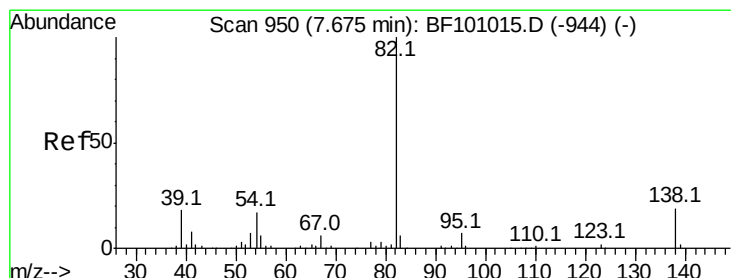
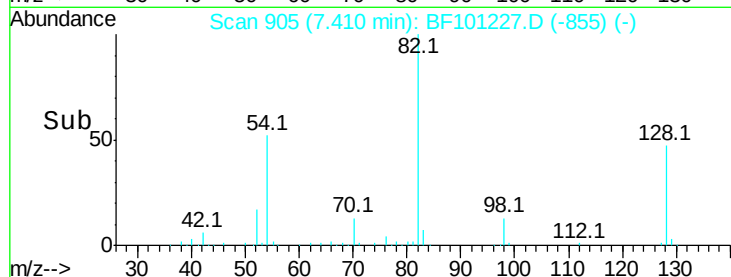
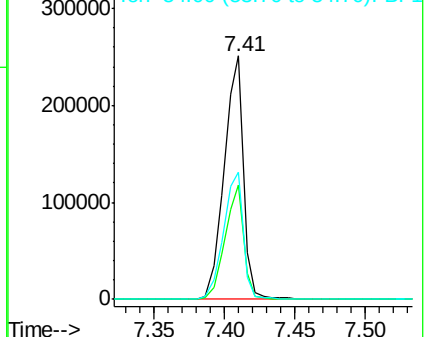
54 52.1 41.4 62.2



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: 52.960 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF101227.D

Acq: 8 Dec 2017 2:05

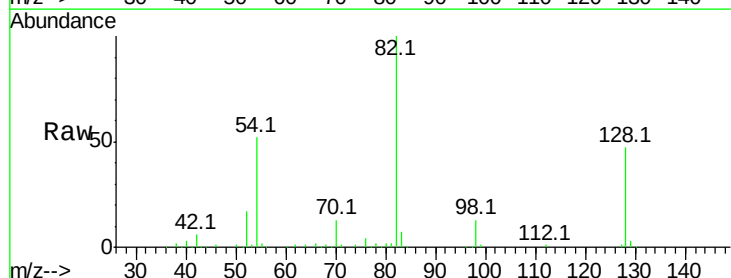
Tgt Ion: 82 Resp: 237882

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

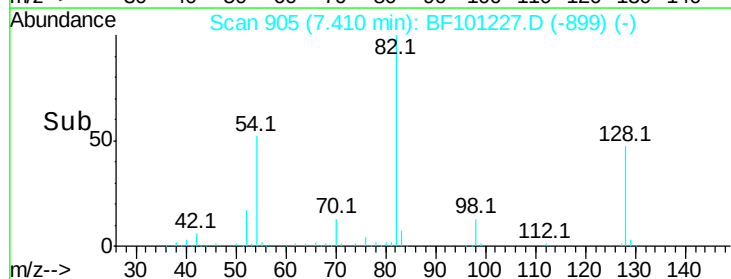
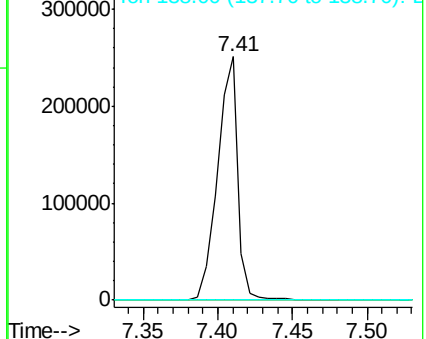
138 0.0 14.9 22.3#

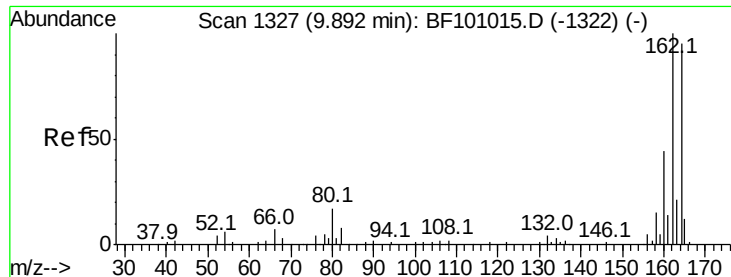


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

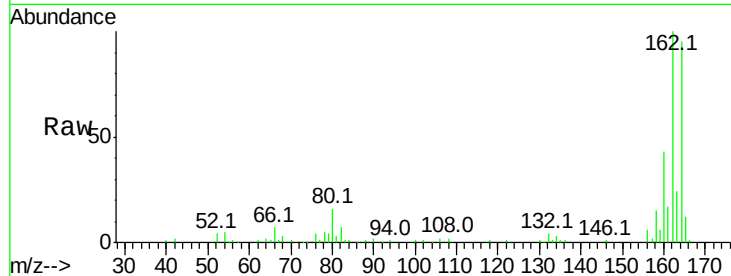




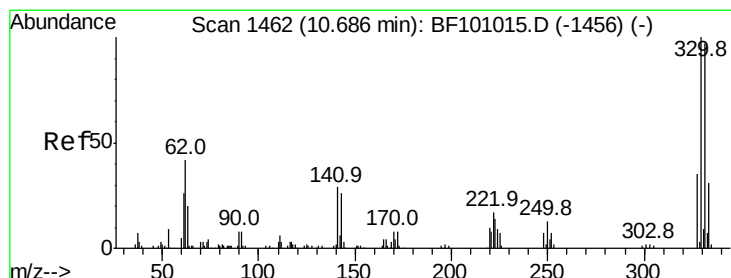
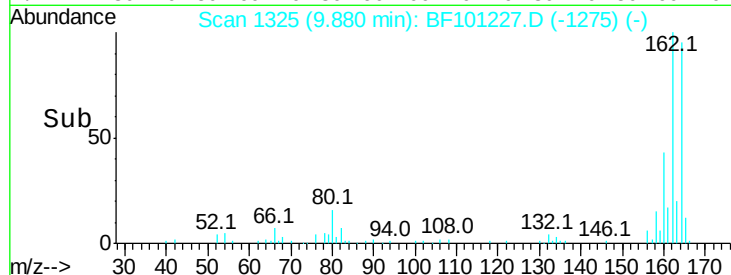
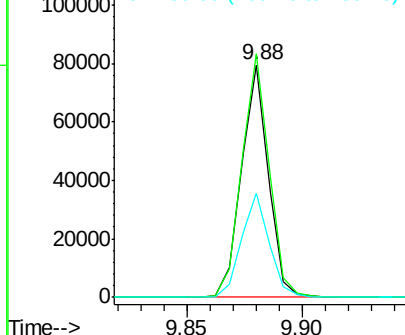
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF101227.D
Acq: 8 Dec 2017 2:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 64587
Ion Ratio Lower Upper
164 100
162 104.8 86.1 129.1
160 44.9 38.3 57.5

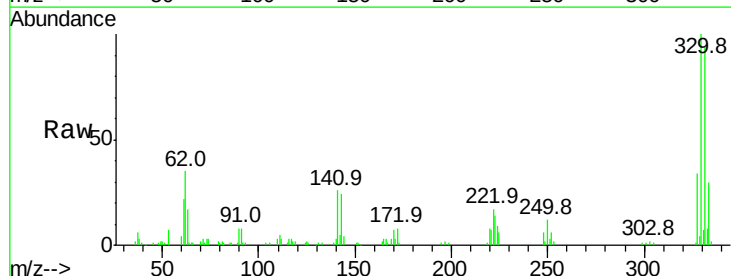


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

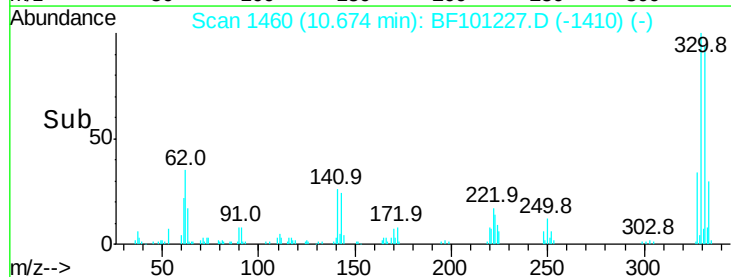
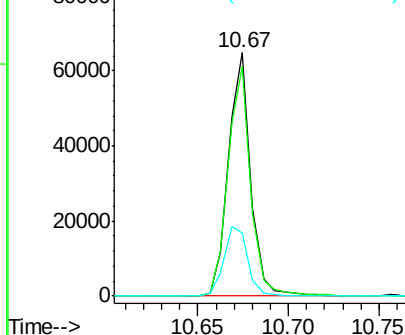


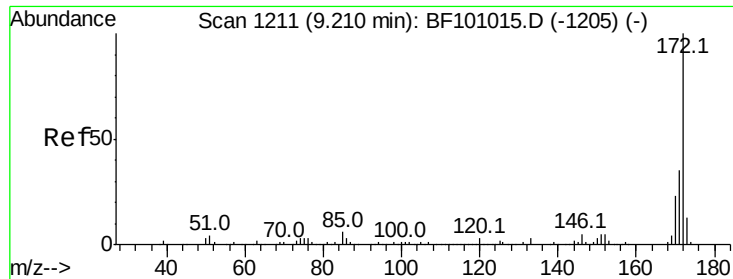
#41
2,4,6-Tribromophenol
Concen: 71.561 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BF101227.D
Acq: 8 Dec 2017 2:05

Tgt Ion:330 Resp: 55522
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 30.4 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

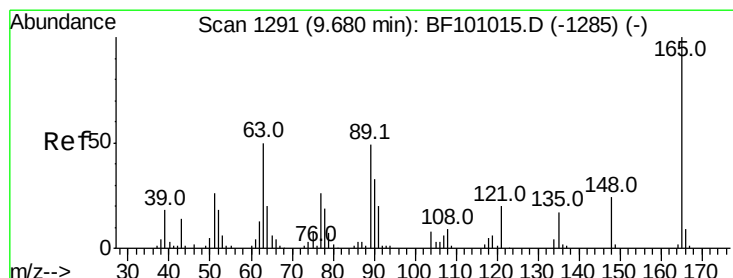
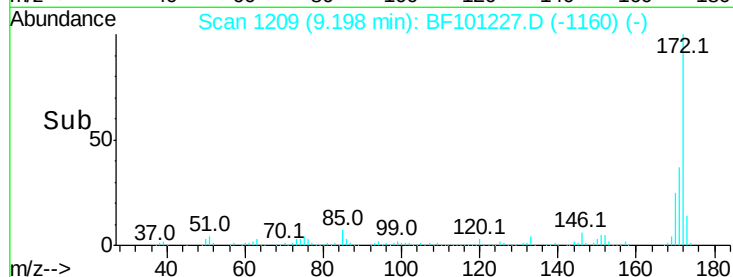
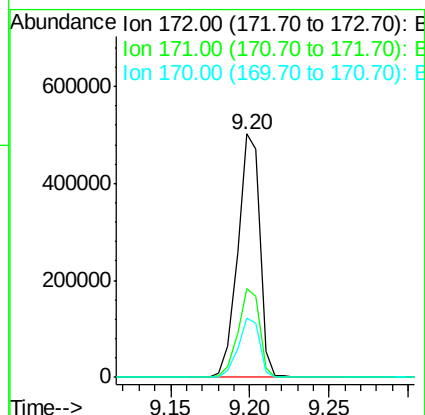
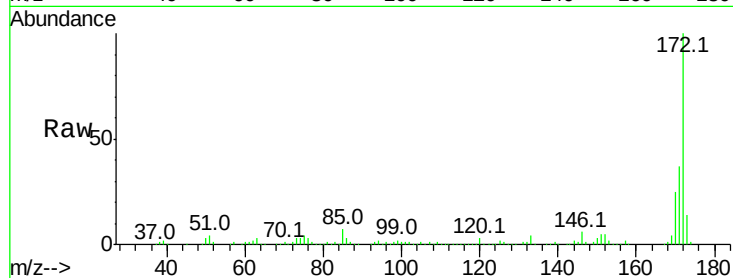




#44
 2-Fluorobiphenyl
 Concen: 102.308 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101227.D
 Acq: 8 Dec 2017 2:05

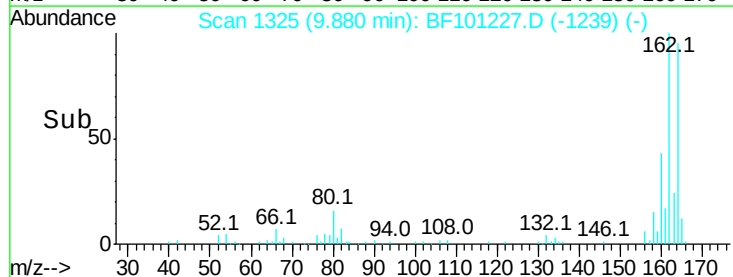
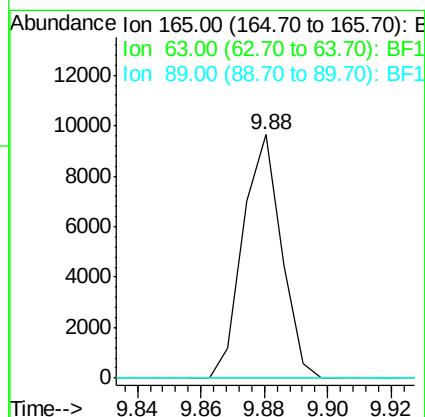
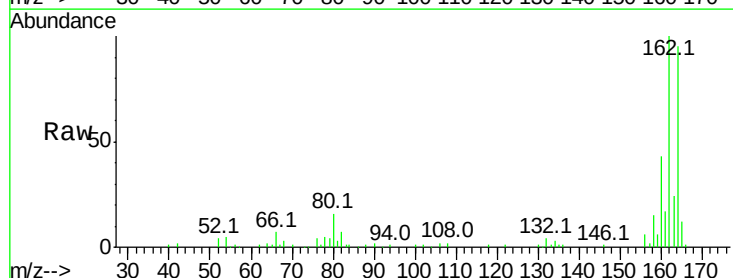
Instrument :
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 ClientSampleId :

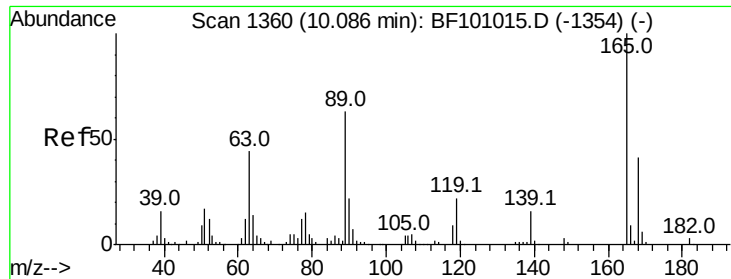
Tot Ion:172 Resp: 482952
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.6 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.362 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101227.D
 Acq: 8 Dec 2017 2:05

Tgt Ion:165 Resp: 8077
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

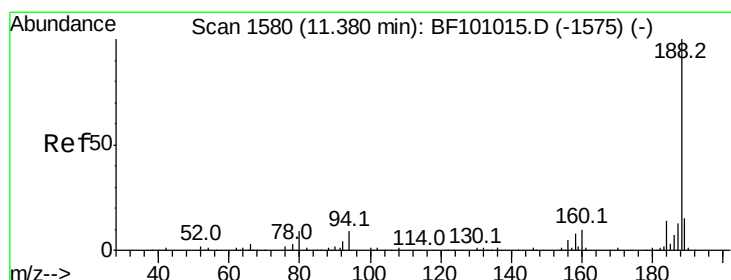
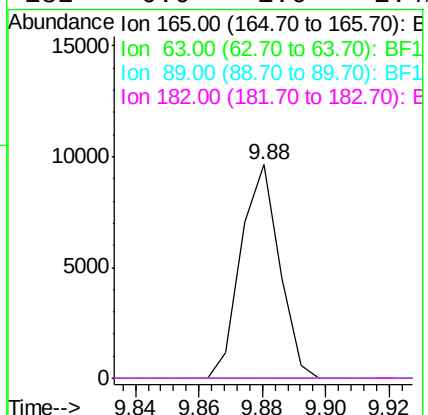
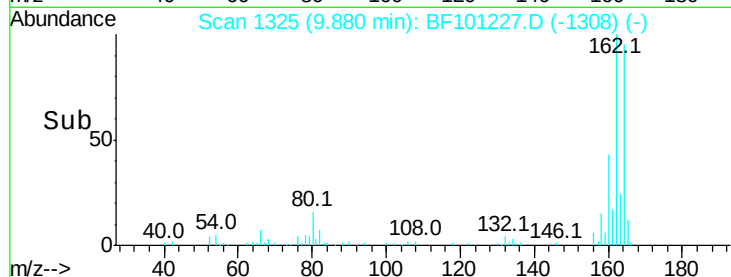
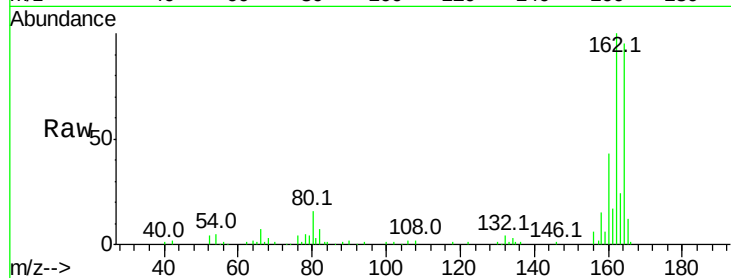




#56
2,4-Dinitrotoluene
Concen: 5.493 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.20 min
Lab File: BF101227.D
Acq: 8 Dec 2017 2:05

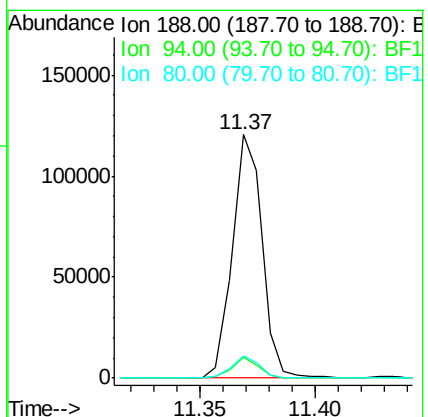
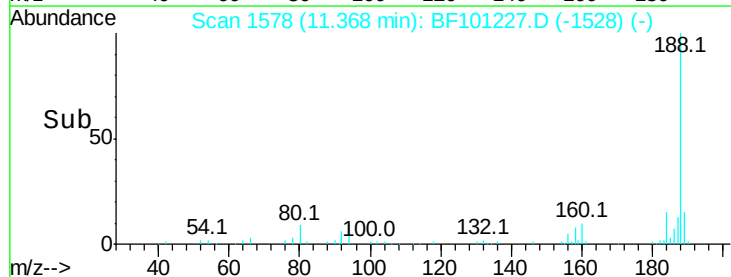
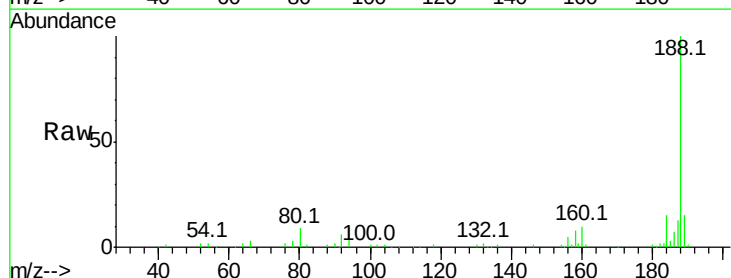
Instrument :
BNA_F
ClientSampleId :

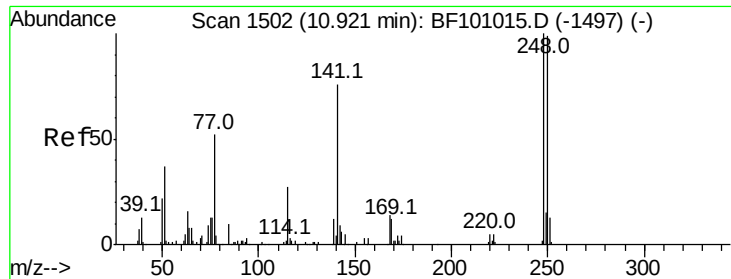
Tot Ion:165 Resp: 8077
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101227.D
Acq: 8 Dec 2017 2:05

Tgt Ion:188 Resp: 107941
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.3 9.2 13.8

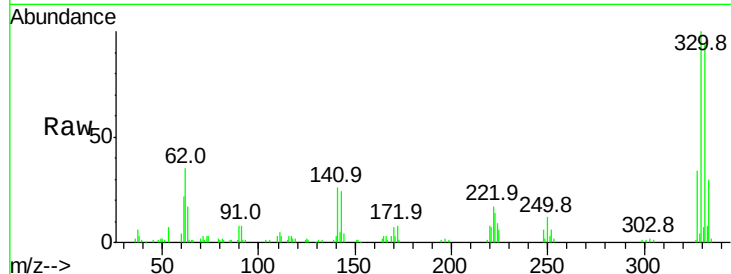




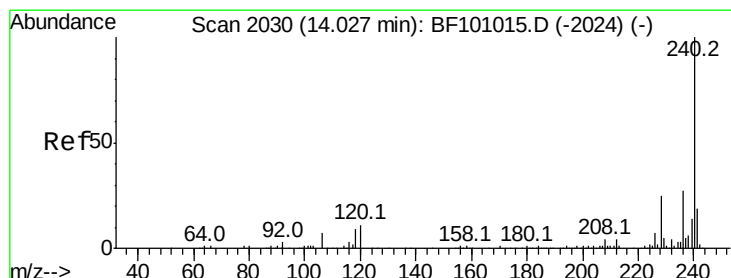
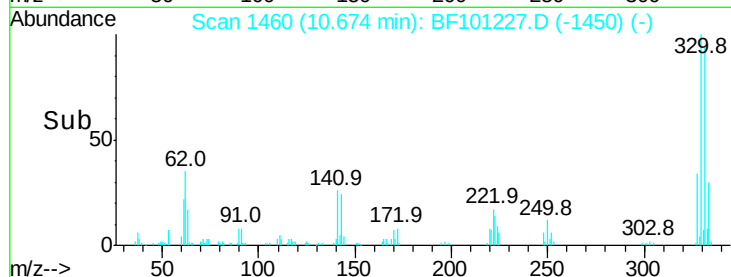
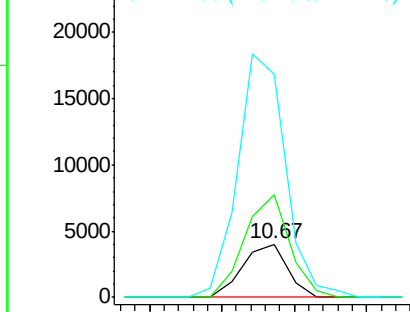
#66
4-Bromophenyl-phenylether
Concen: 2.798 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101227.D
Acq: 8 Dec 2017 2:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 3380
Ion Ratio Lower Upper
248 100
250 194.5 76.9 115.3#
141 421.1 74.4 111.6#

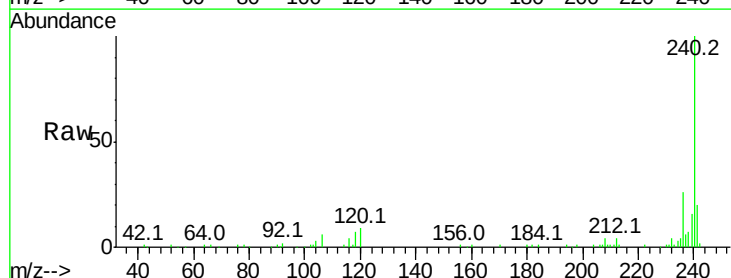


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

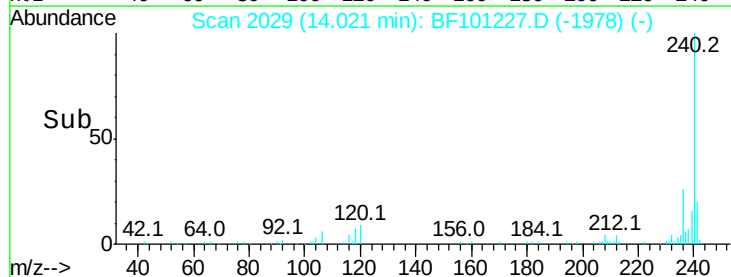
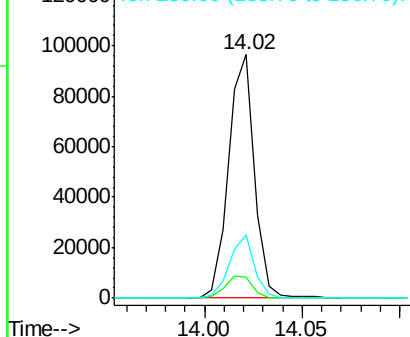


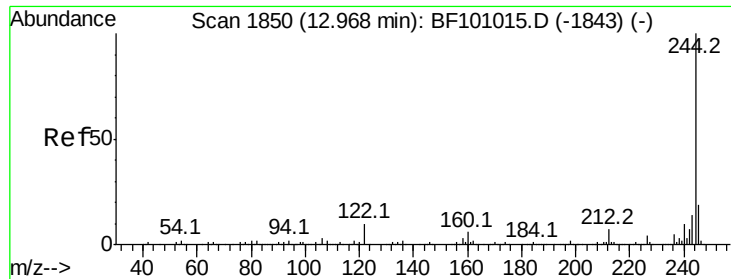
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101227.D
Acq: 8 Dec 2017 2:05

Tgt Ion:240 Resp: 88166
Ion Ratio Lower Upper
240 100
120 8.8 9.5 14.3#
236 26.0 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: 92.039 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101227.D

Acq: 8 Dec 2017 2:05

Instrument :

BNA_F

ClientSampleId :

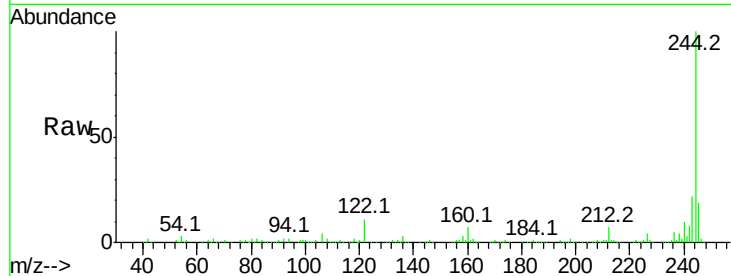
Tot Ion:244 Resp: 370999

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

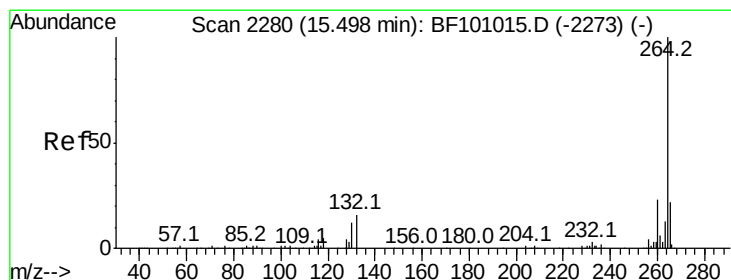
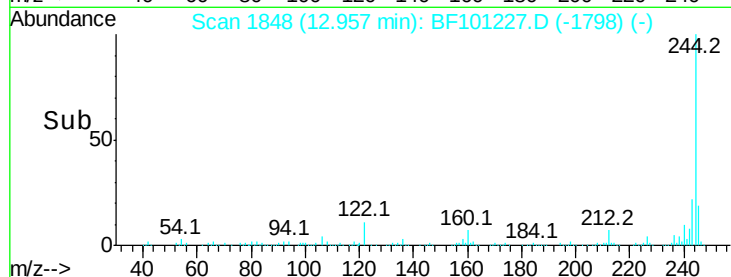
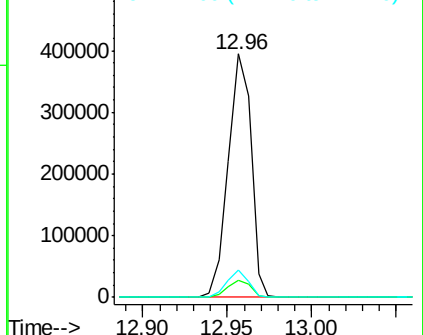
122 11.0 11.0 16.4



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: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101227.D

Acq: 8 Dec 2017 2:05

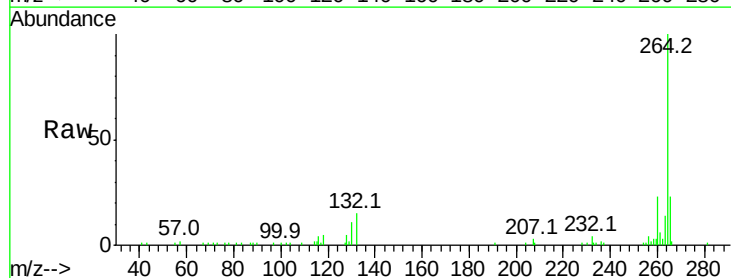
Tgt Ion:264 Resp: 68878

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 22.6 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

