

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101210.D
 Acq On : 7 Dec 2017 17:30
 Operator : SJ/JU
 Sample : I6765-19
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 19:25:01 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

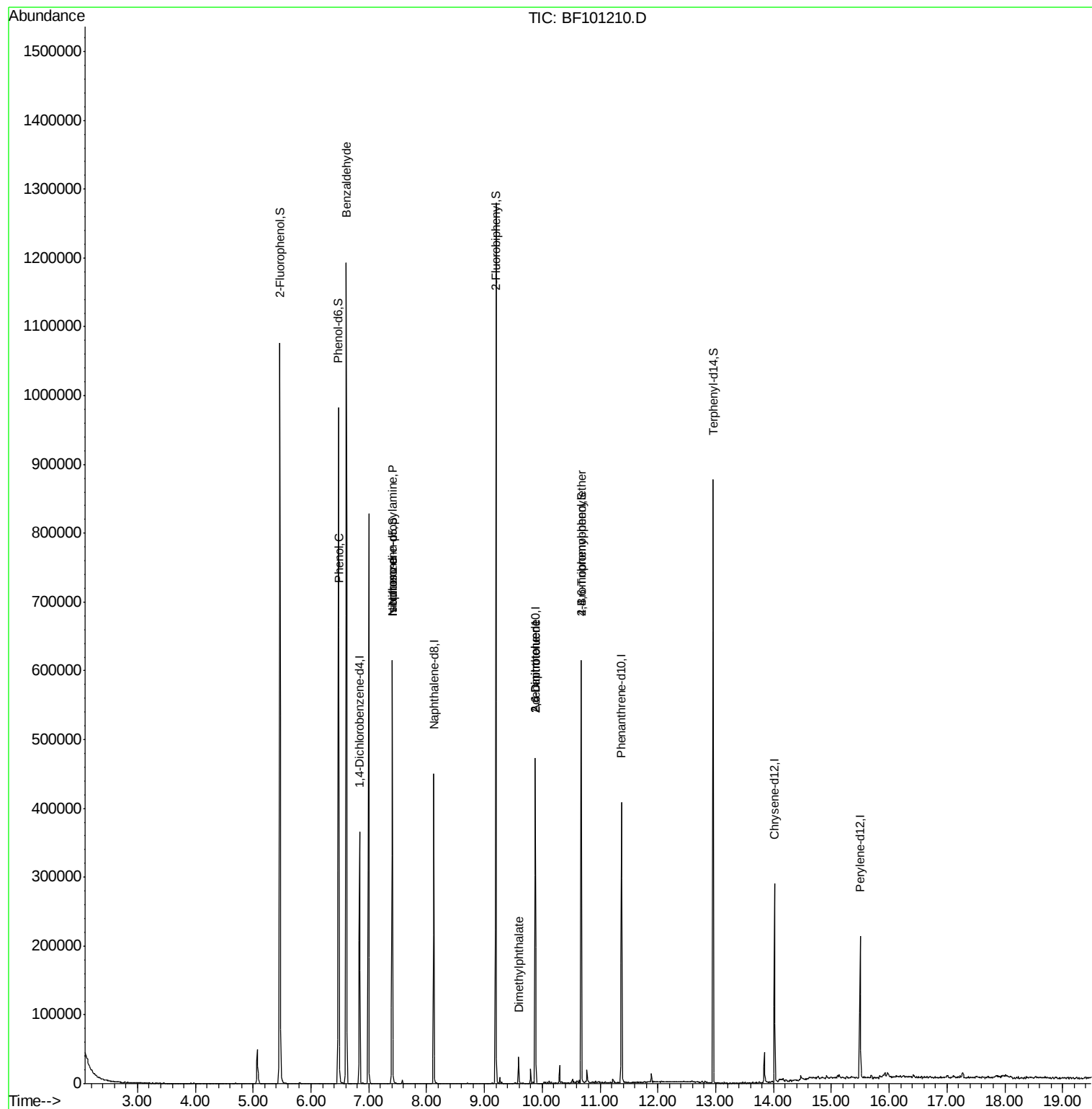
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	50186	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	190360	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	83972	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	143851	20.00	ng	0.00
75) Chrysene-d12	14.02	240	111722	20.00	ng	0.00
86) Perylene-d12	15.50	264	98774	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	286504	94.34	ng	0.00
7) Phenol-d6	6.47	99	344820	93.52	ng	0.00
23) Nitrobenzene-d5	7.40	82	205812	64.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	81080	80.38	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	374628	61.04	ng	-0.01
78) Terphenyl-d14	12.96	244	284066	55.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	6683	2.961	ng	Qvalue 80
10) Phenol	6.49	94	16219	3.956	ng	92
19) n-Nitroso-di-n-propylamine	7.40	70	27403	11.035	ng	# 83
25) Isophorone	7.40	82	205808	37.757	ng	# 64
49) Dimethylphthalate	9.59	163	15496	2.288	ng	# 99
50) 2,6-Dinitrotoluene	9.88	165	10640	7.460	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	10640	5.566	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	5160	3.205	ng	# 1

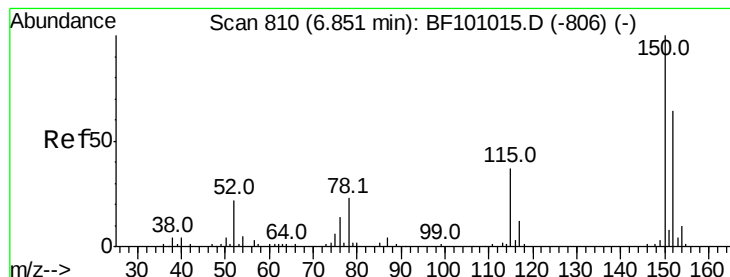
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF120717\
Data File : BF101210.D
Acq On : 7 Dec 2017 17:30
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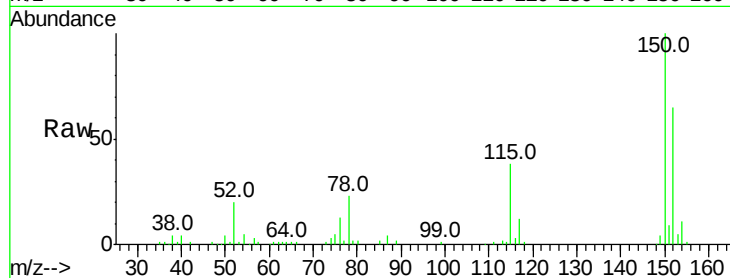


#1

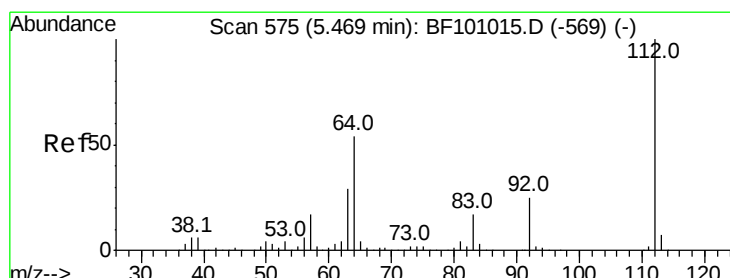
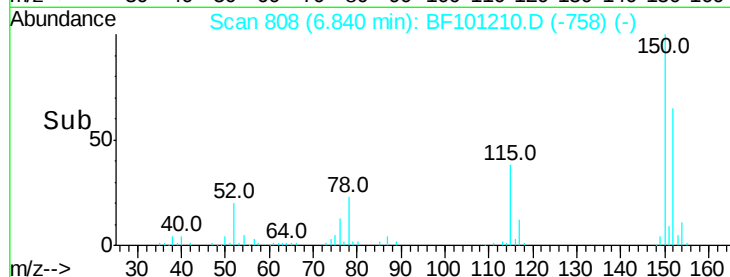
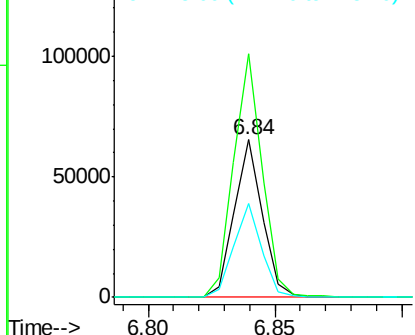
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101210.D
Acq: 7 Dec 2017 17:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 50186
Ion Ratio Lower Upper
152 100
150 154.6 124.6 186.8
115 59.3 50.1 75.1



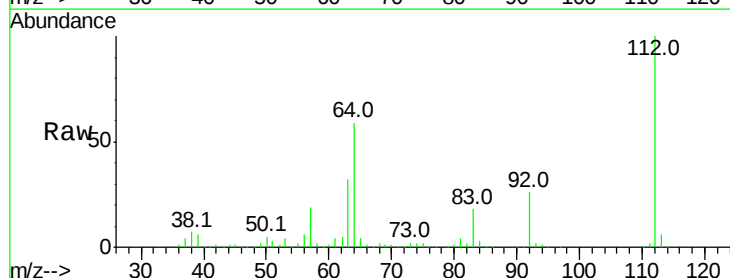
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



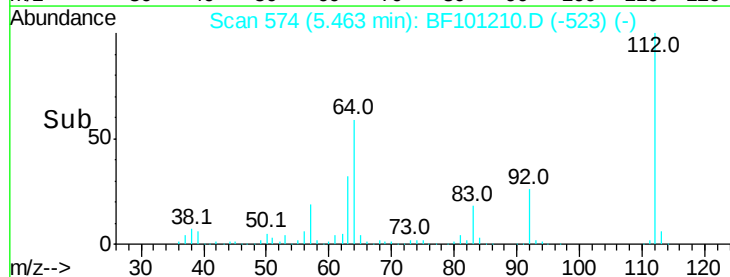
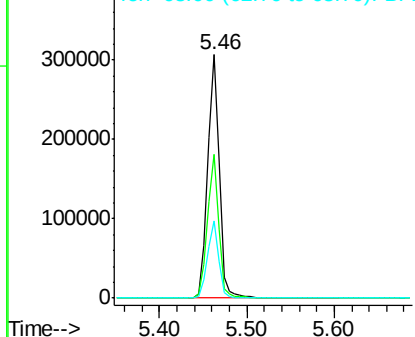
#5

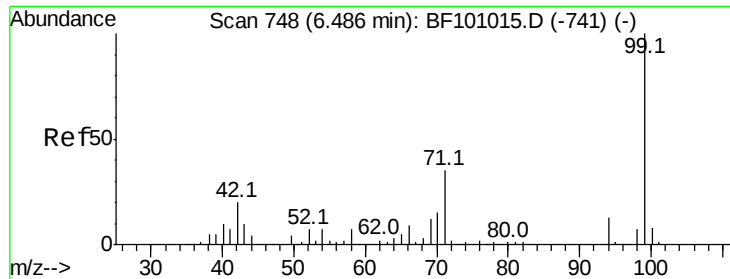
2-Fluorophenol
Concen: 94.335 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF101210.D
Acq: 7 Dec 2017 17:30

Tgt Ion:112 Resp: 286504
Ion Ratio Lower Upper
112 100
64 59.2 47.9 71.9
63 31.6 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: 93.515 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF101210.D

Acq: 7 Dec 2017 17:30

Instrument :

BNA_F

ClientSampleId :

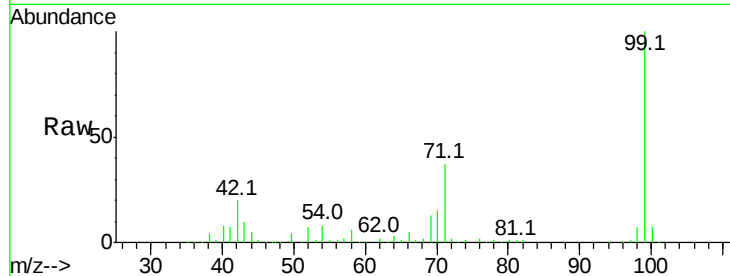
Tot Ion: 99 Resp: 344820

Ion Ratio Lower Upper

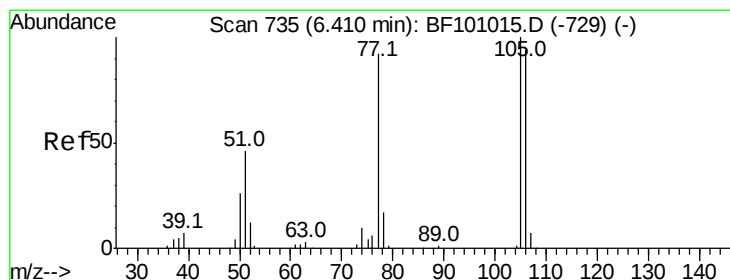
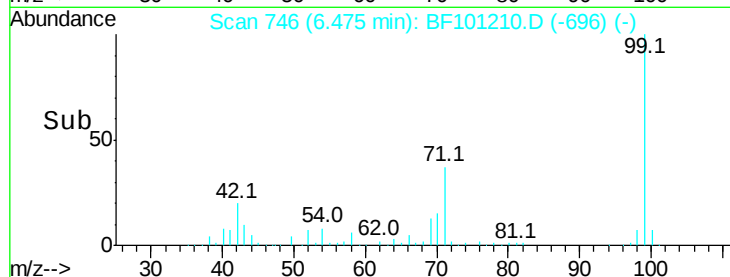
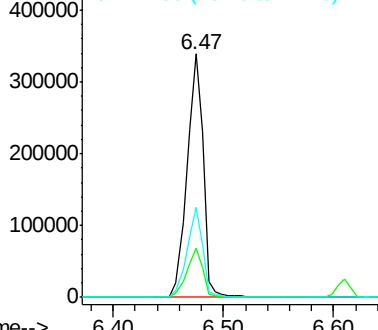
99 100

42 20.4 14.5 21.7

71 36.9 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: 2.961 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.21 min

Lab File: BF101210.D

Acq: 7 Dec 2017 17:30

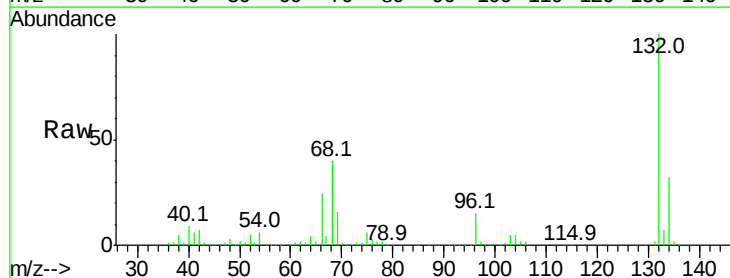
Tgt Ion: 77 Resp: 6683

Ion Ratio Lower Upper

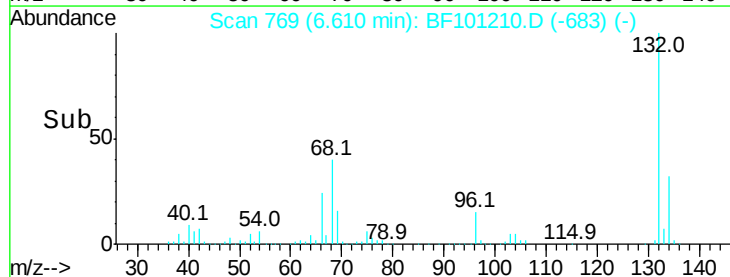
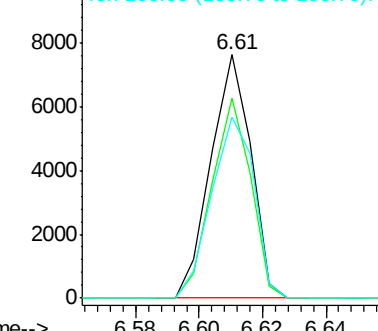
77 100

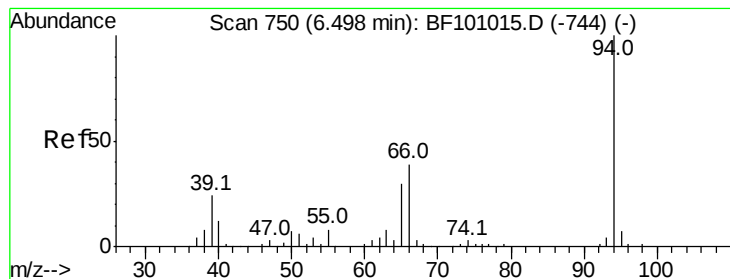
105 82.4 81.1 121.1

106 74.6 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





#10

Phenol

Concen: 3.956 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF101210.D

Acq: 7 Dec 2017 17:30

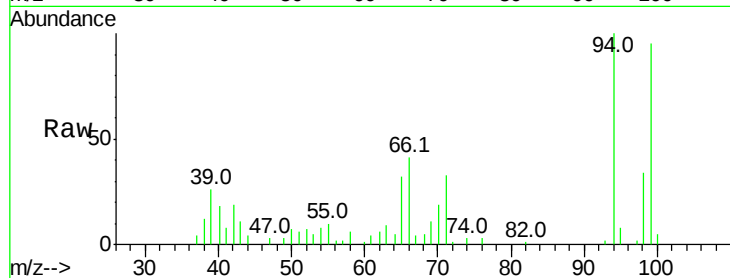
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 94 Resp: 16219

Ion	Ratio	Lower	Upper
94	100		
65	31.9	7.9	47.9
66	40.8	16.2	56.2

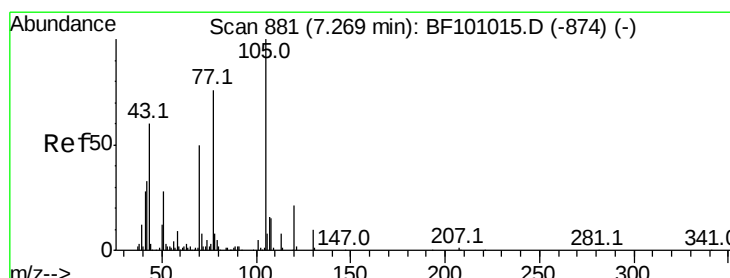
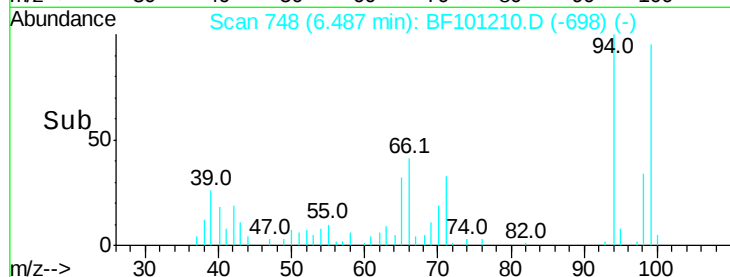
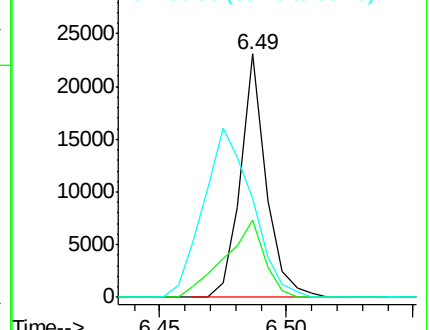


Abundance

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: 11.035 ng

RT: 7.40 min Scan# 904

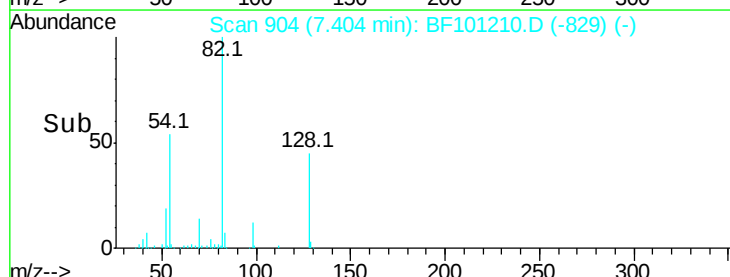
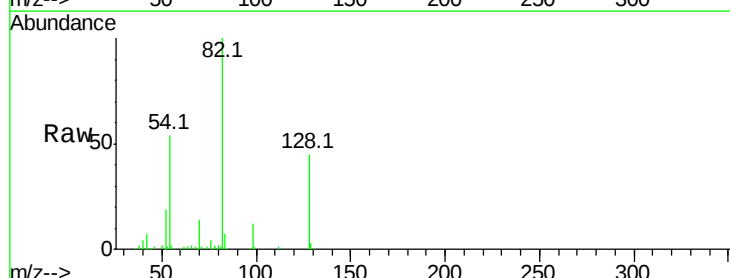
Delta R.T. 0.14 min

Lab File: BF101210.D

Acq: 7 Dec 2017 17:30

Tgt Ion: 70 Resp: 27403

Ion	Ratio	Lower	Upper
70	100		
42	53.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



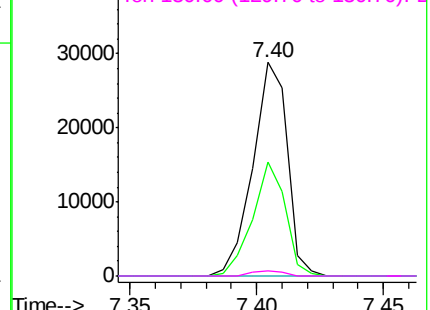
Abundance

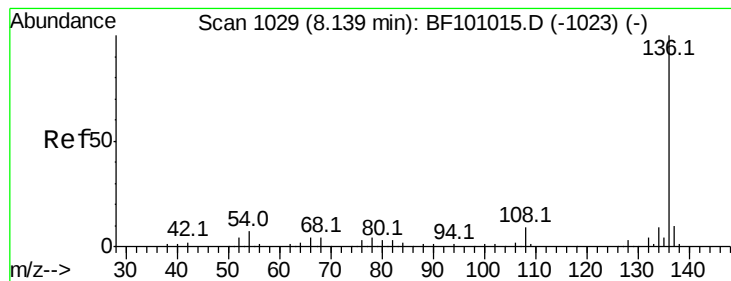
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF101210.D

Acq: 7 Dec 2017 17:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 190360

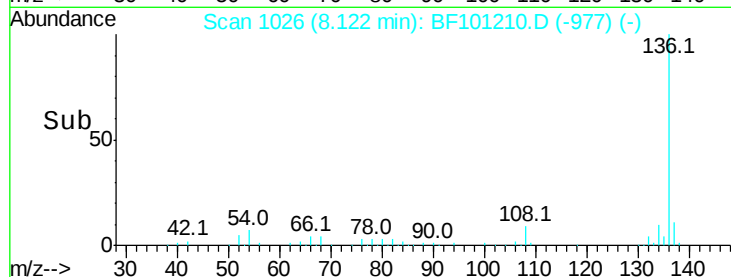
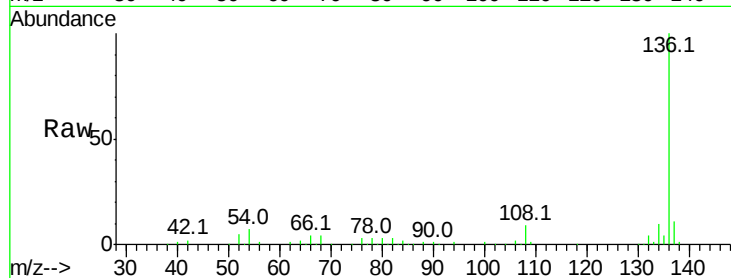
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.4 6.6 9.8

68 4.4 5.0 7.4#

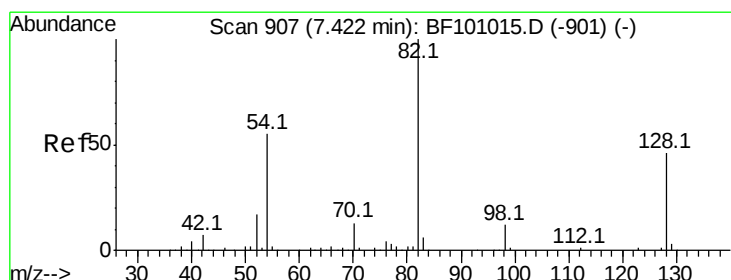
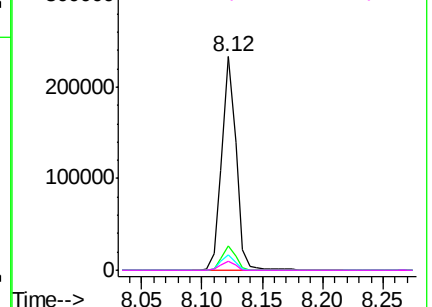


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 64.495 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.01 min

Lab File: BF101210.D

Acq: 7 Dec 2017 17:30

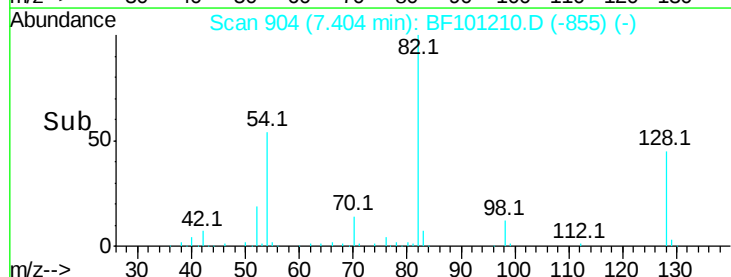
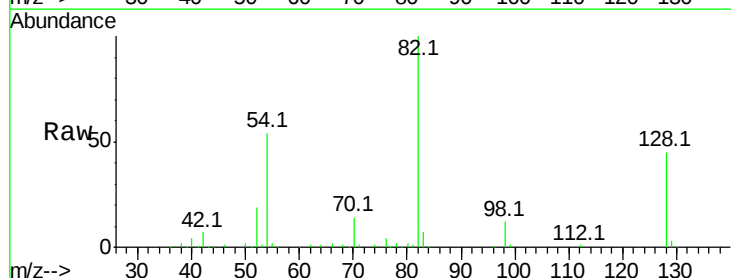
Tgt Ion: 82 Resp: 205812

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

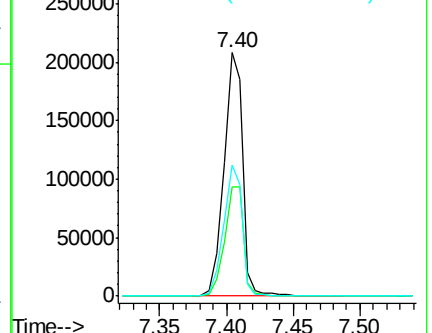
54 54.0 41.4 62.2

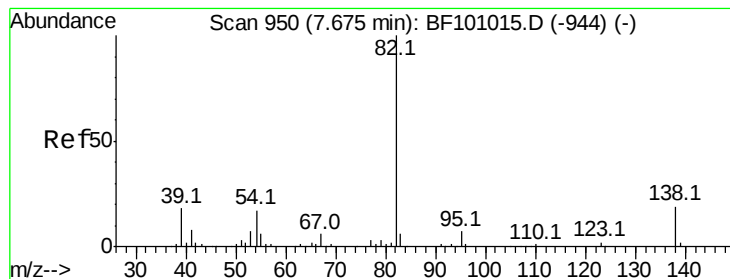


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.757 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.27 min

Lab File: BF101210.D

Acq: 7 Dec 2017 17:30

Instrument :

BNA_F

ClientSampleId :

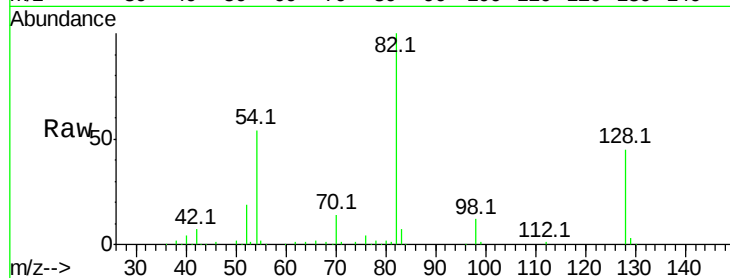
Tot Ion: 82 Resp: 205808

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

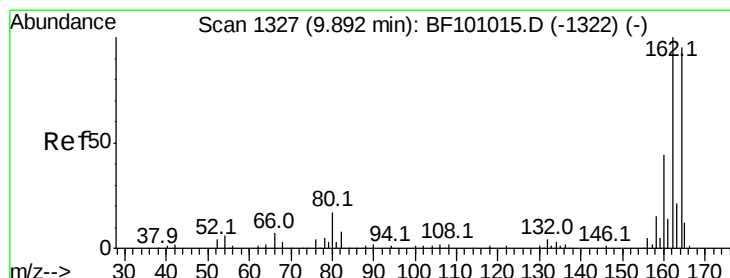
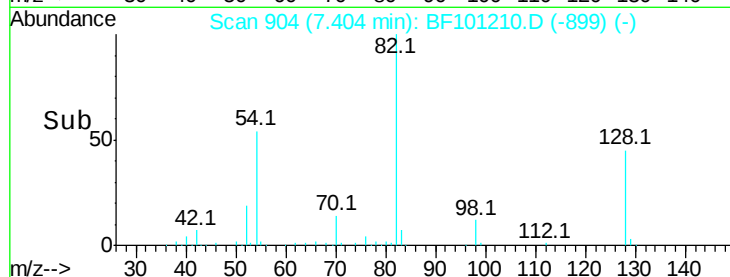
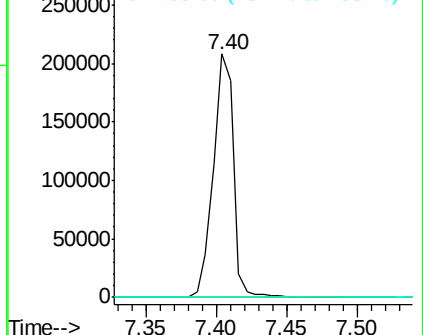
138 0.0 14.9 22.3#



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: BF101210.D

Acq: 7 Dec 2017 17:30

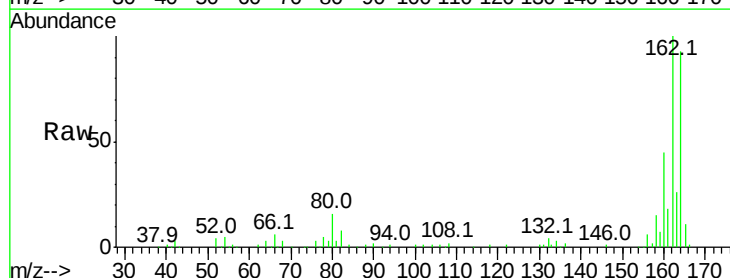
Tgt Ion:164 Resp: 83972

Ion Ratio Lower Upper

164 100

162 107.5 86.1 129.1

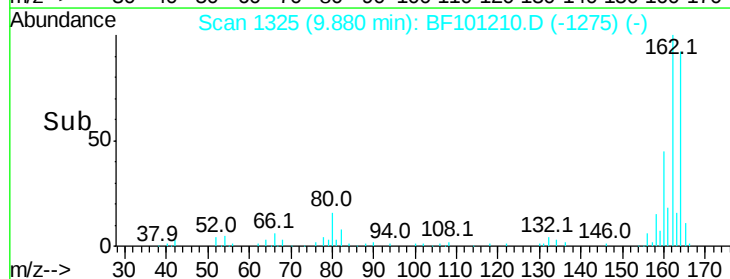
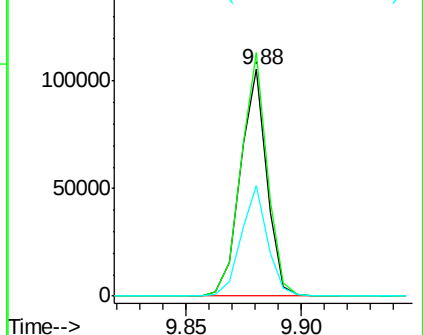
160 48.6 38.3 57.5

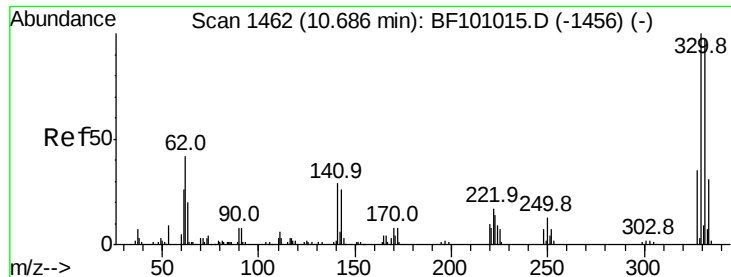


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

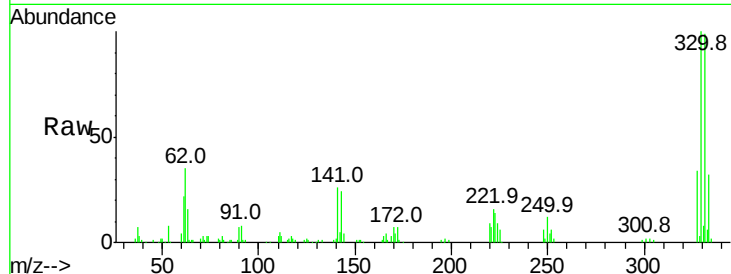




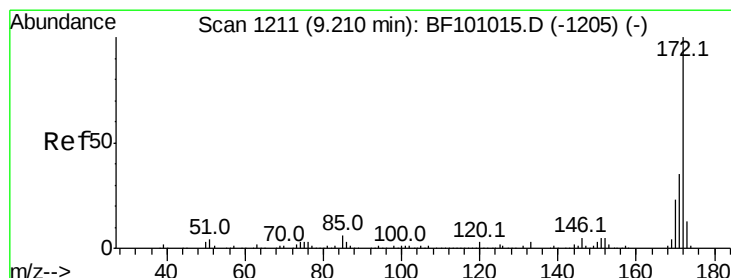
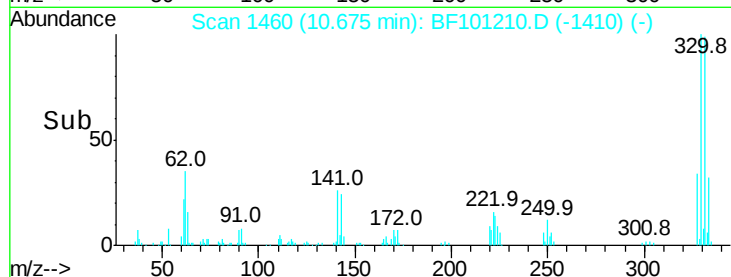
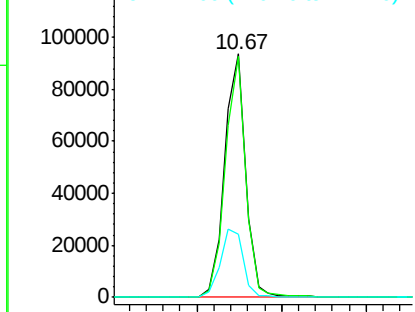
#41
 2,4,6-Tribromophenol
 Concen: 80.377 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101210.D
 Acq: 7 Dec 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 81080
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 30.4 29.9 44.9

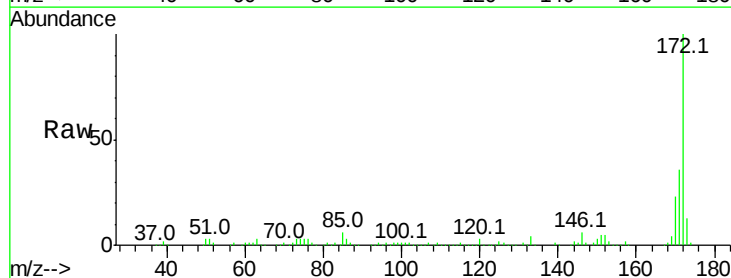


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

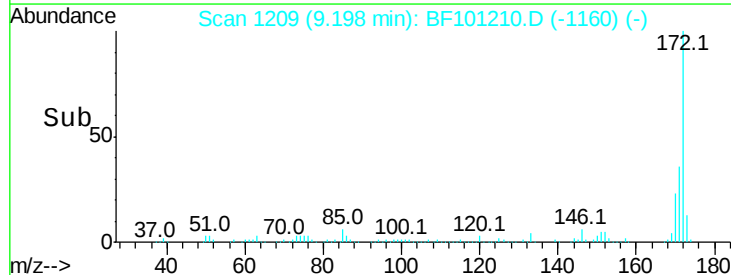
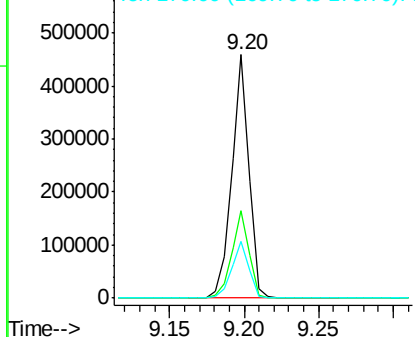


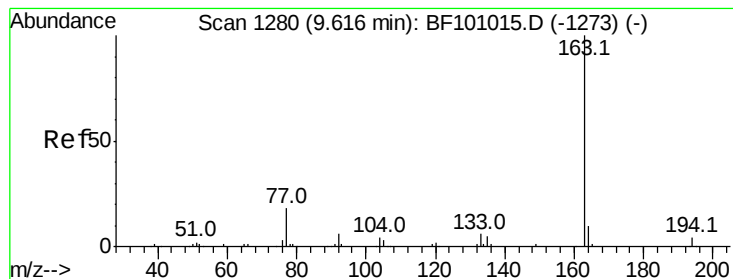
#44
 2-Fluorobiphenyl
 Concen: 61.040 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101210.D
 Acq: 7 Dec 2017 17:30

Tgt Ion:172 Resp: 374628
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.3 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: 2.288 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BF101210.D

Acq: 7 Dec 2017 17:30

Instrument :

BNA_F

ClientSampled :

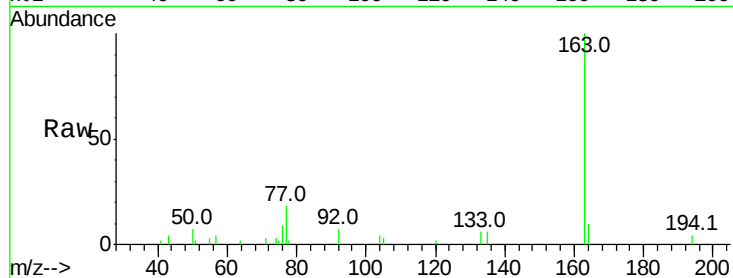
Tot Ion:163 Resp: 15496

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

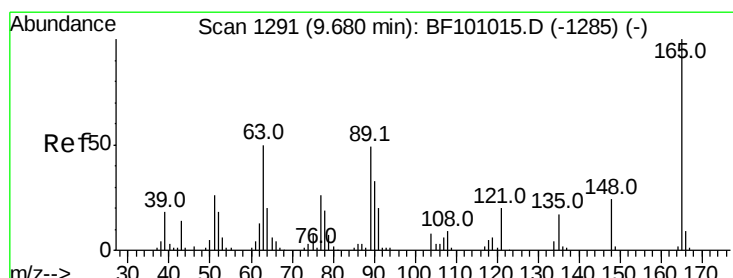
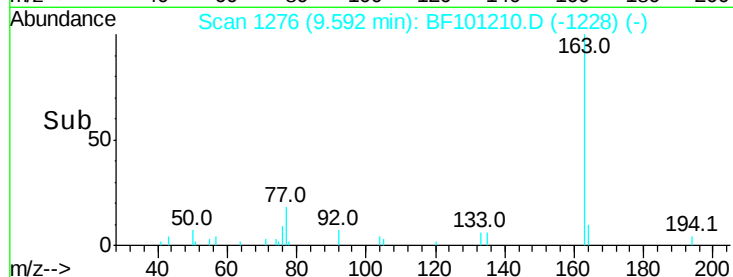
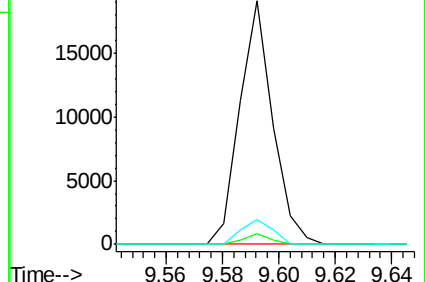
164 10.4 8.2 12.2



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: 7.460 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.21 min

Lab File: BF101210.D

Acq: 7 Dec 2017 17:30

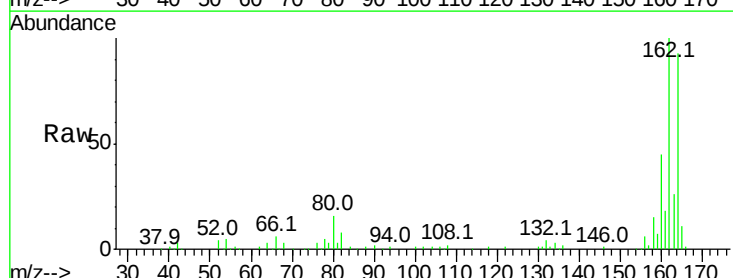
Tgt Ion:165 Resp: 10640

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

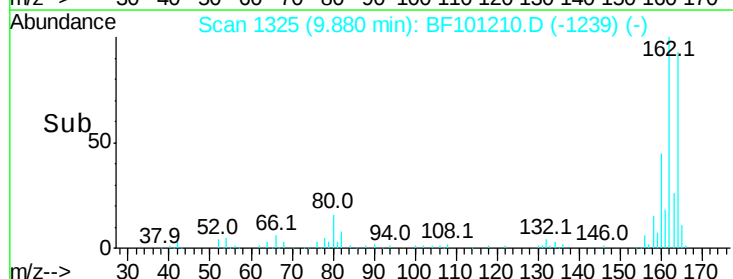
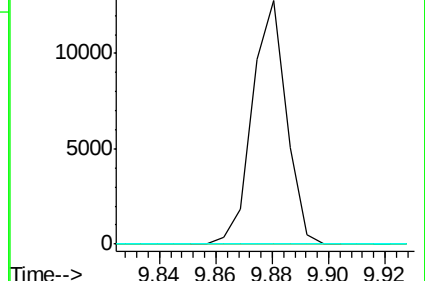
89 0.0 44.0 66.0#

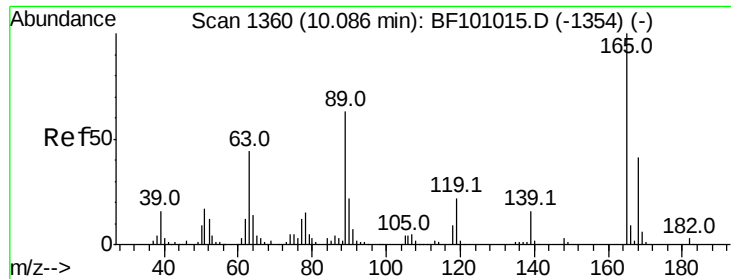


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

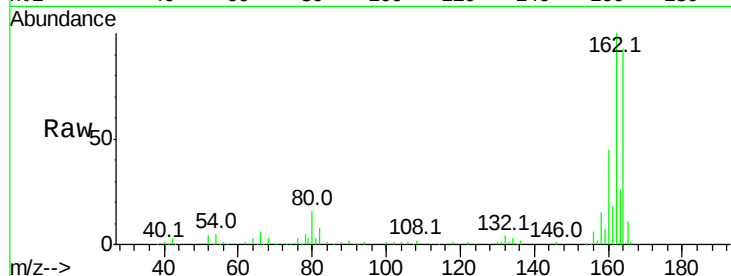




#56
 2,4-Dinitrotoluene
 Concen: 5.566 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101210.D
 Acq: 7 Dec 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	10640
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#

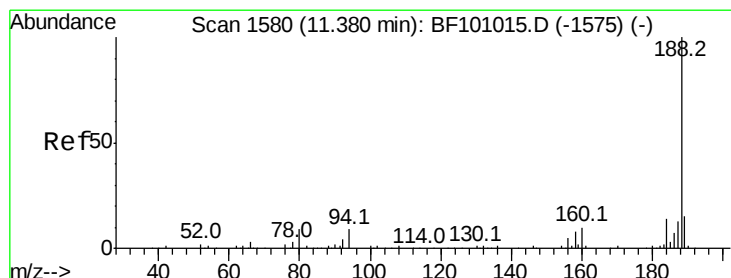
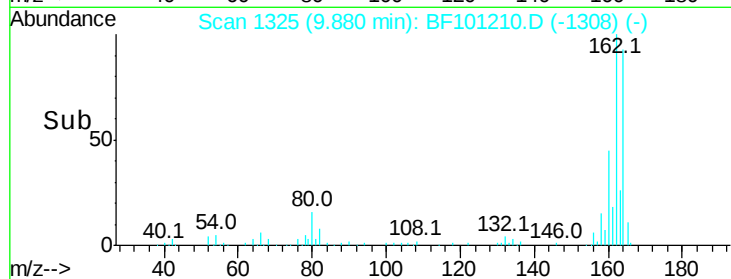
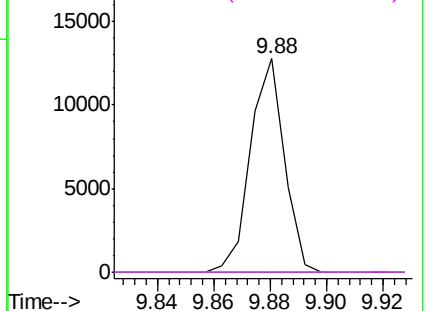


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

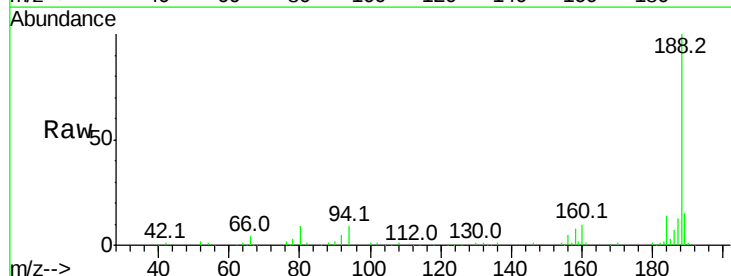
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BF101210.D
 Acq: 7 Dec 2017 17:30

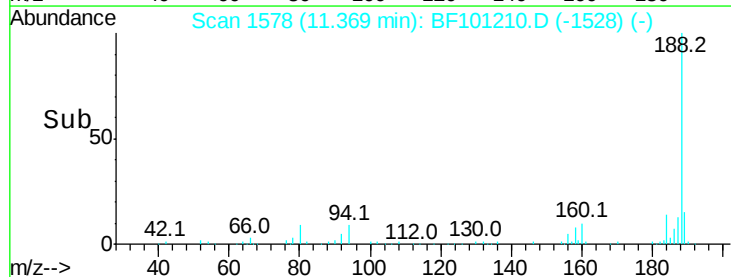
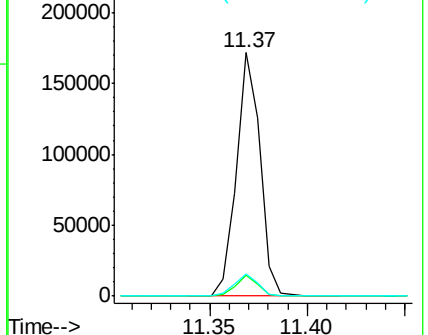
Tgt Ion:188	Resp:	143851
Ion Ratio	Lower	Upper
188	100	
94	8.5	8.5 12.7
80	9.0	9.2 13.8#

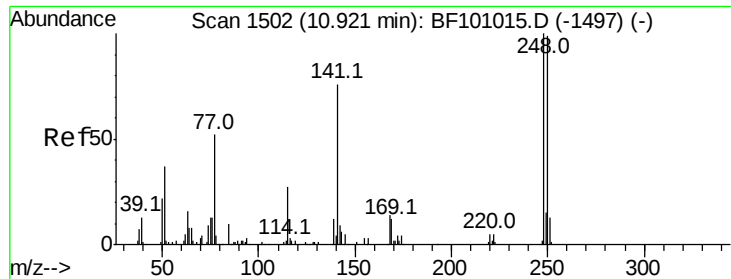


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

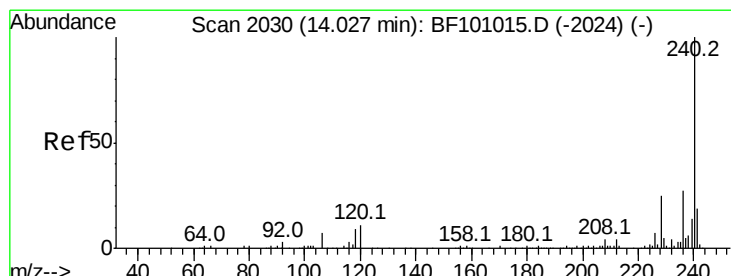
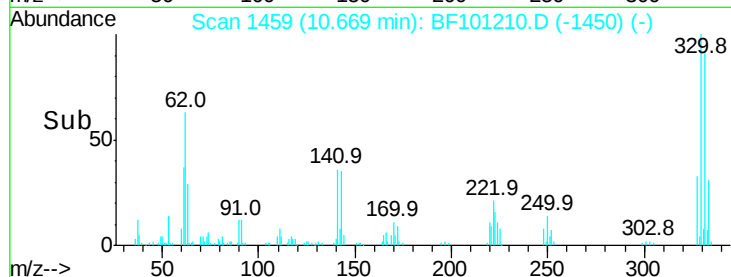
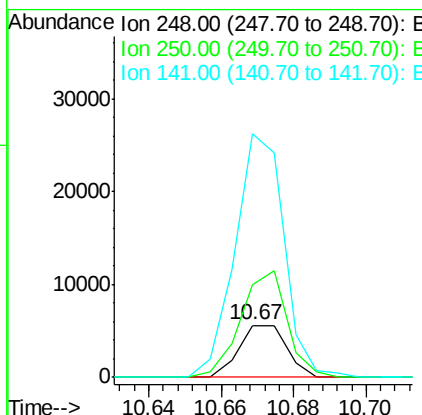
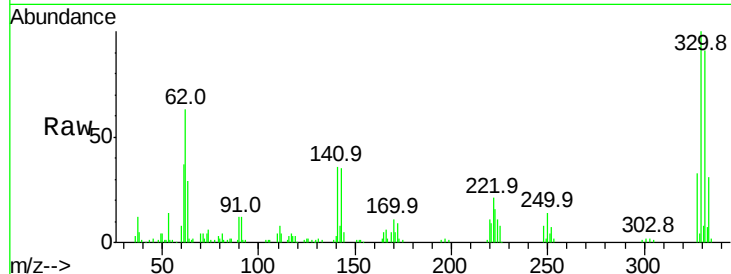




#66
 4-Bromophenyl-phenylether
 Concen: 3.205 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.25 min
 Lab File: BF101210.D
 Acq: 7 Dec 2017 17:30

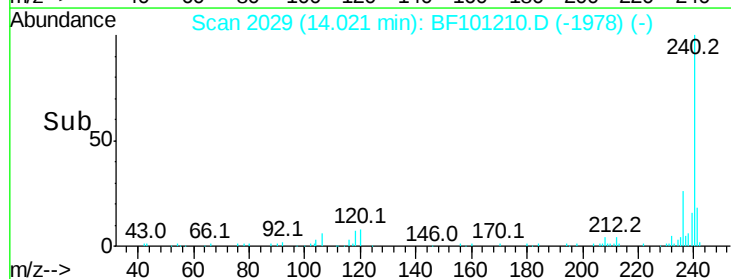
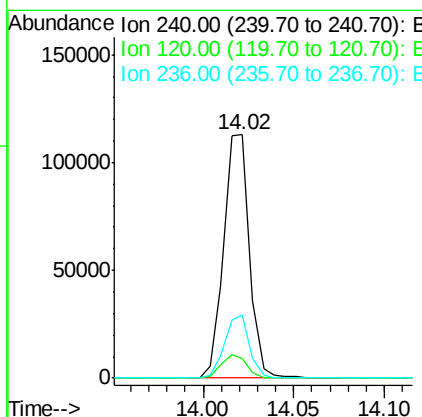
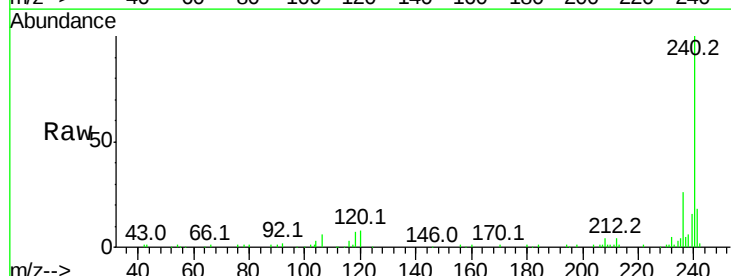
Instrument :
 BNA_F
 ClientSampleId :

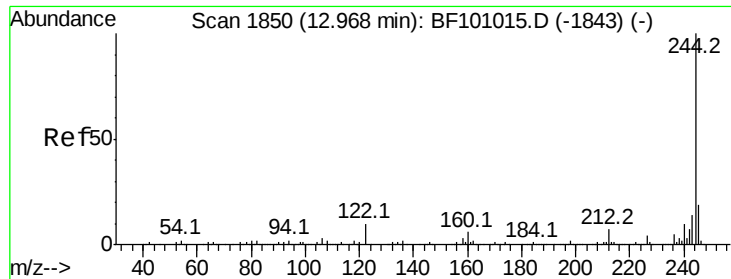
Tot Ion	Ratio	Lower	Upper
248	100		
250	178.6	76.9	115.3#
141	470.0	74.4	111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.00 min
 Lab File: BF101210.D
 Acq: 7 Dec 2017 17:30

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.0	9.5	14.3#
236	25.7	20.7	31.1

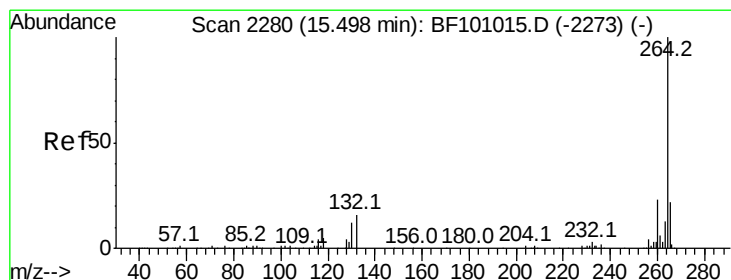
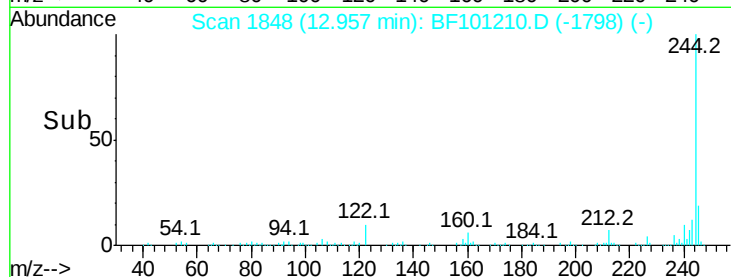
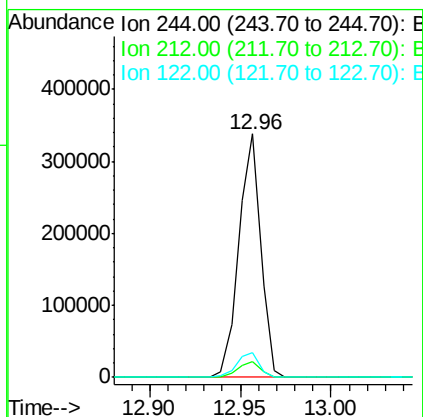
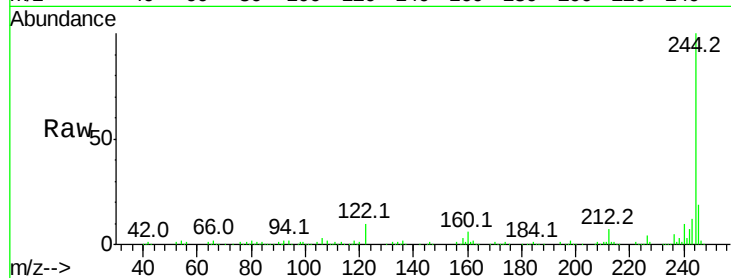




#78
 Terphenyl-d14
 Concen: 55.614 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF101210.D
 Acq: 7 Dec 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 284066
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 10.2 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.01 min
 Lab File: BF101210.D
 Acq: 7 Dec 2017 17:30

Tgt Ion:264 Resp: 98774
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.2 28.8
 265 20.4 17.5 26.3

