

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101222.D
 Acq On : 7 Dec 2017 22:55
 Operator : SJ/JU
 Sample : I6731-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 07 23:49:29 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

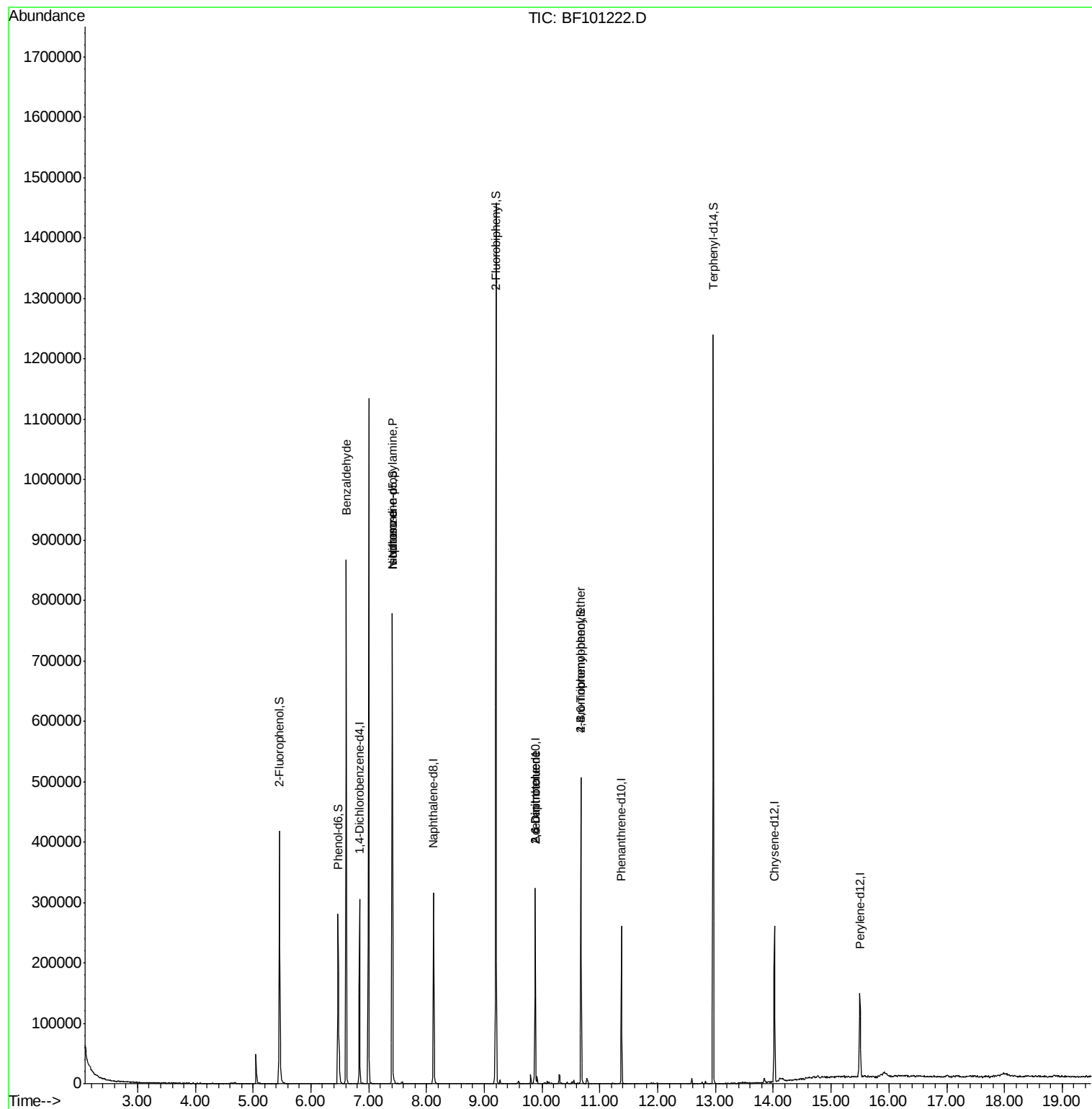
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	42596	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	146352	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	58949	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	102473	20.00	ng	0.00
75) Chrysene-d12	14.02	240	84771	20.00	ng	0.00
86) Perylene-d12	15.50	264	65890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	114759	44.52	ng	0.00
7) Phenol-d6	6.47	99	90766	29.00	ng	-0.01
23) Nitrobenzene-d5	7.41	82	237927	96.98	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	58837	83.09	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	493260	114.49	ng	0.00
78) Terphenyl-d14	12.96	244	394813	101.87	ng	0.00
Target Compounds						
9) Benzaldehyde	6.61	77	4471	2.334	ng	86
19) n-Nitroso-di-n-propylamine	7.41	70	31587	14.986	ng	# 79
25) Isophorone	7.41	82	237925	56.775	ng	# 64
50) 2,6-Dinitrotoluene	9.88	165	7451	7.441	ng	# 24
56) 2,4-Dinitrotoluene	9.88	165	7451	5.552	ng	# 21
66) 4-Bromophenyl-phenylether	10.67	248	3459	3.016	ng	# 1

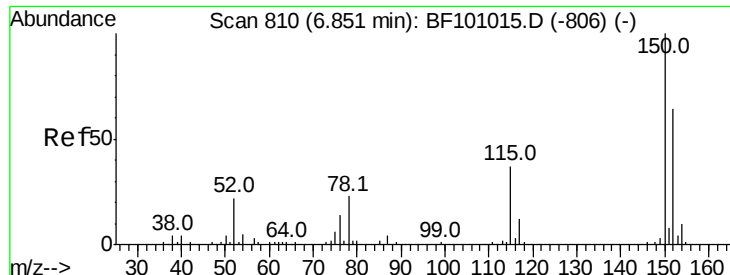
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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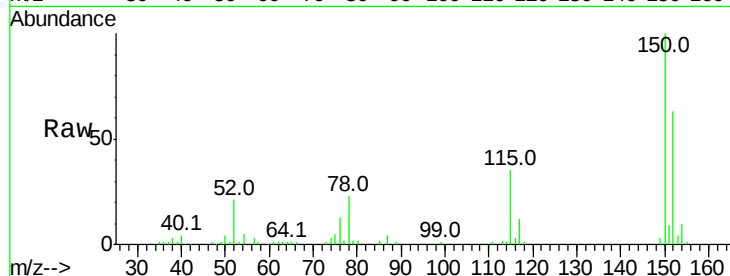


#1

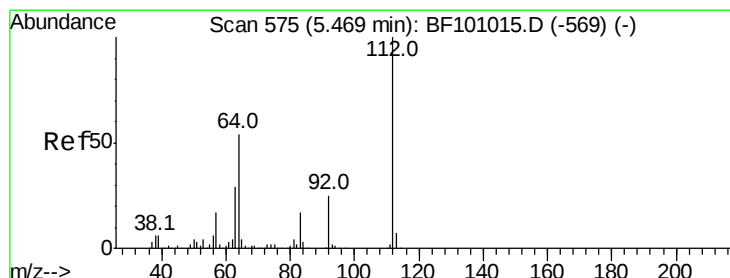
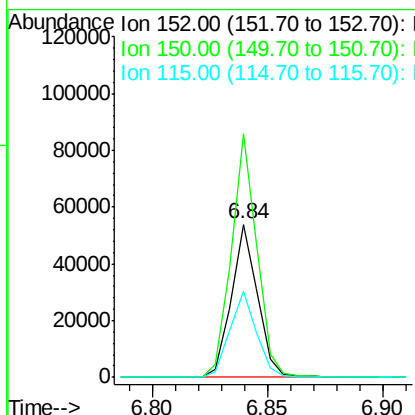
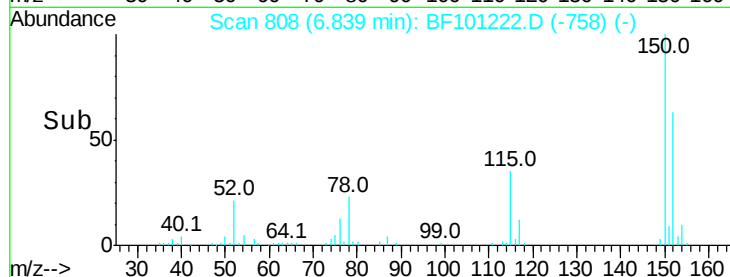
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 42596
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 56.1 50.1 75.1



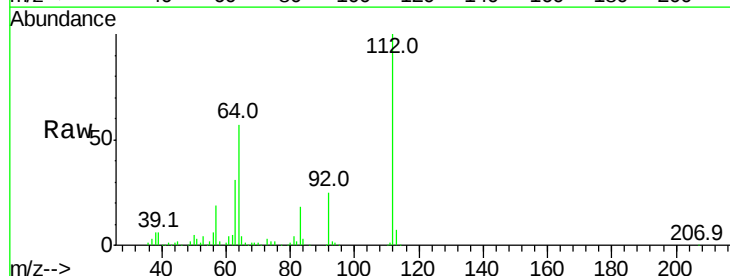
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



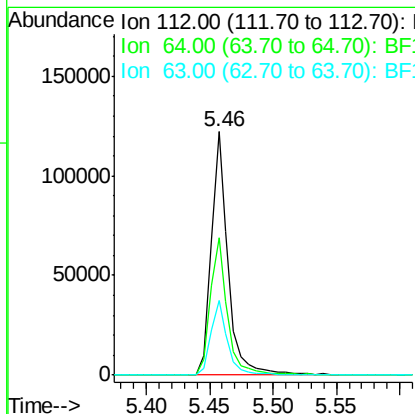
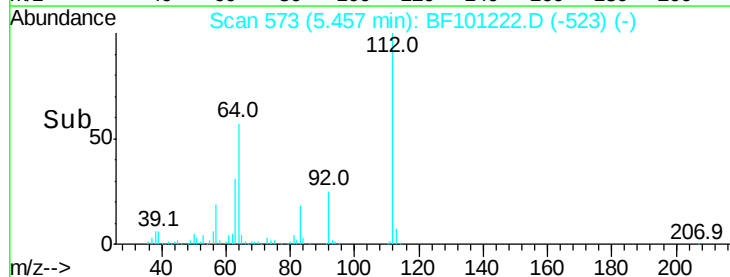
#5

2-Fluorophenol
Concen: 44.519 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Tgt Ion:112 Resp: 114759
Ion Ratio Lower Upper
112 100
64 56.6 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: 29.002 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101222.D

Acq: 7 Dec 2017 22:55

Instrument :

BNA_F

ClientSampleId :

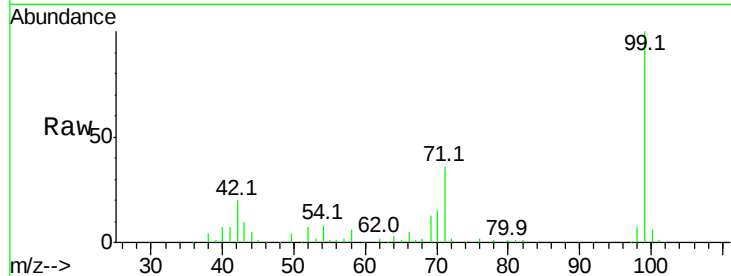
Tot Ion: 99 Resp: 90766

Ion Ratio Lower Upper

99 100

42 20.0 14.5 21.7

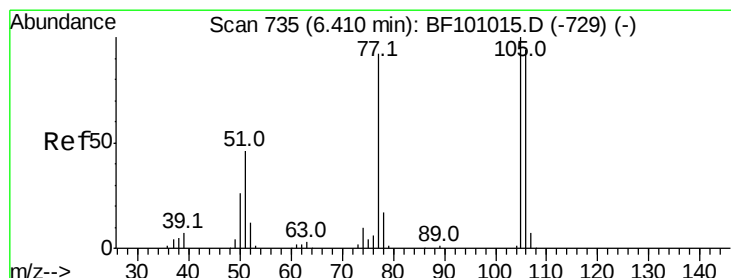
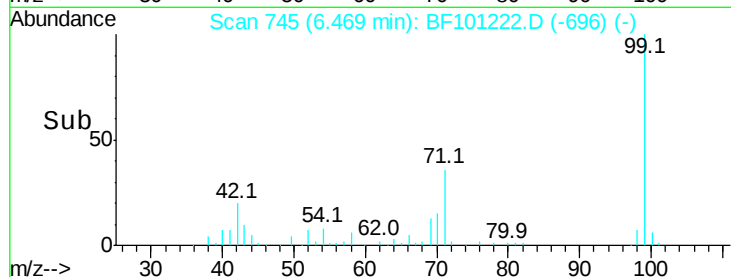
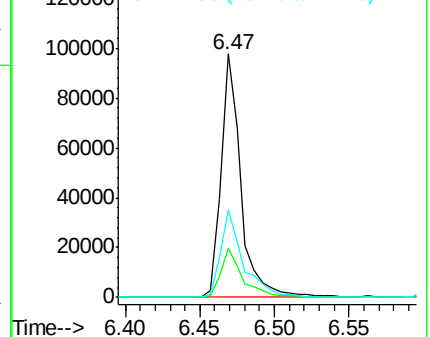
71 35.9 25.4 38.0



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: 2.334 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.21 min

Lab File: BF101222.D

Acq: 7 Dec 2017 22:55

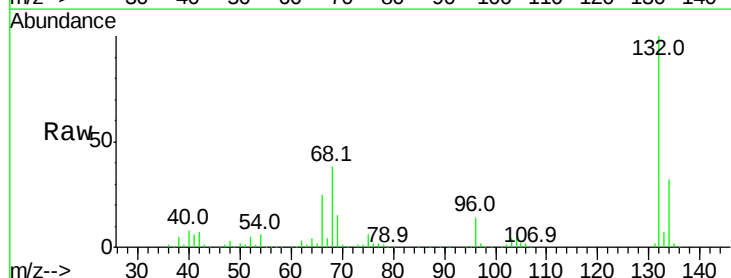
Tgt Ion: 77 Resp: 4471

Ion Ratio Lower Upper

77 100

105 85.7 81.1 121.1

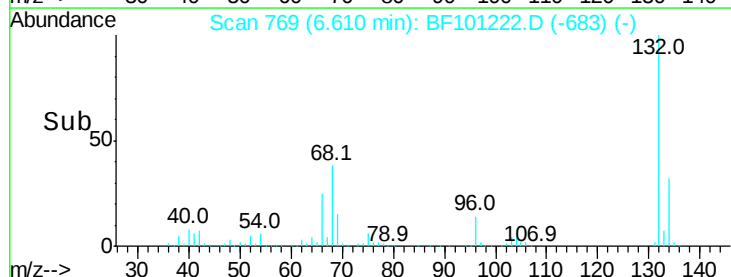
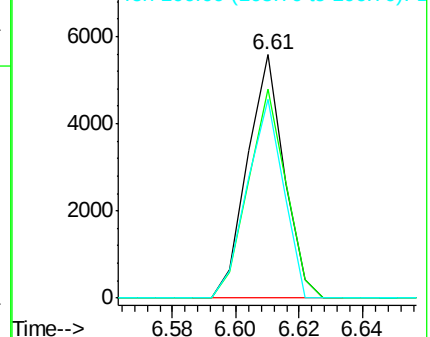
106 81.6 74.5 114.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 14.986 ng

RT: 7.41 min Scan# 905

Delta R.T. 0.15 min

Lab File: BF101222.D

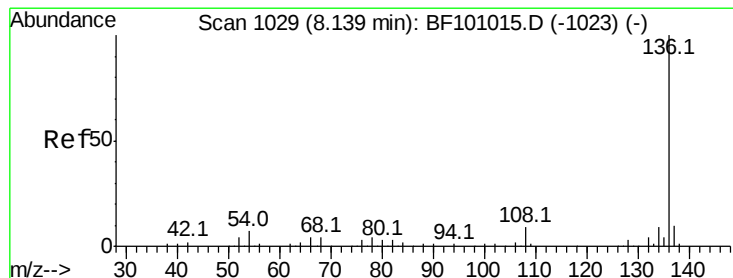
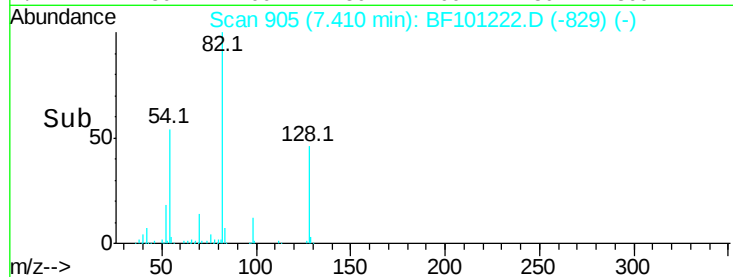
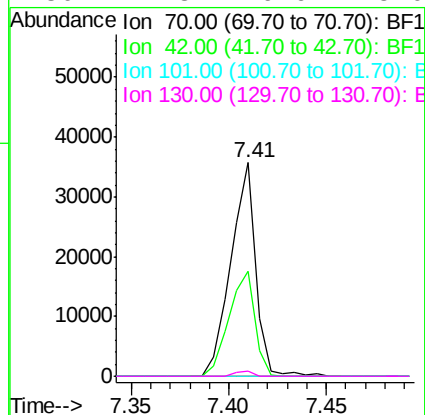
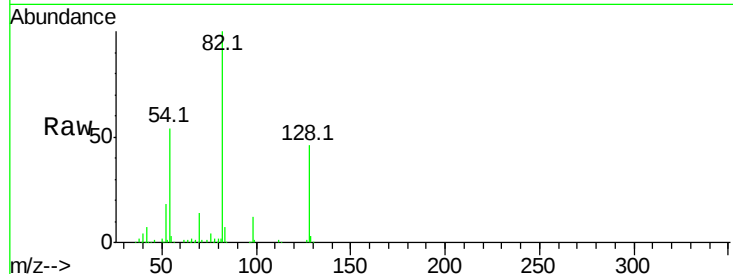
Acq: 7 Dec 2017 22:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	31587
Ion	Ratio	Lower	Upper
70	100		
42	49.3	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

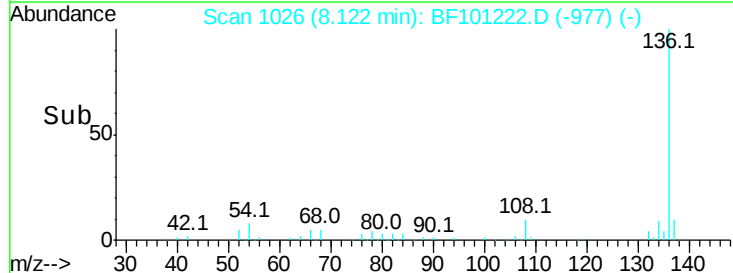
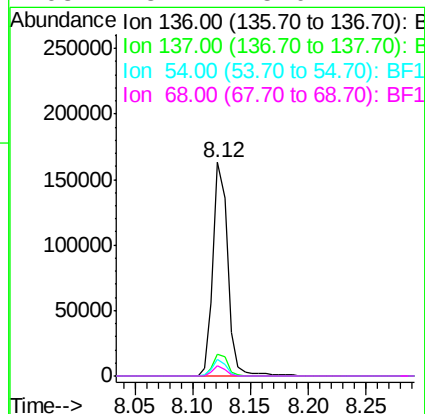
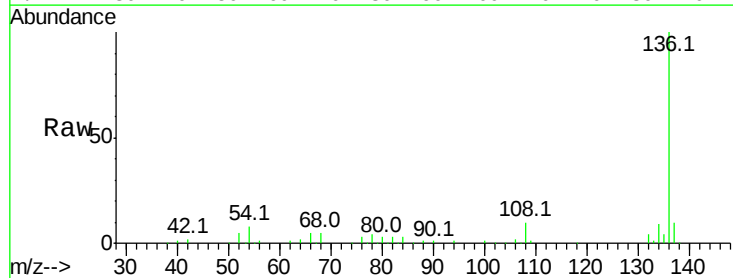
RT: 8.12 min Scan# 1026

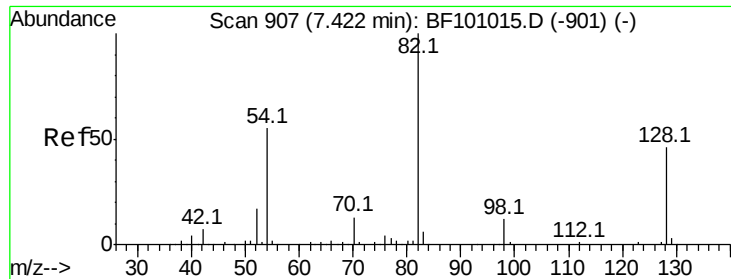
Delta R.T. -0.01 min

Lab File: BF101222.D

Acq: 7 Dec 2017 22:55

Tgt Ion:	136	Resp:	146352
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	7.5	6.6	9.8
68	5.1	5.0	7.4





#23

Nitrobenzene-d5

Concen: 96.979 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF101222.D

Acq: 7 Dec 2017 22:55

Instrument :

BNA_F

ClientSampled :

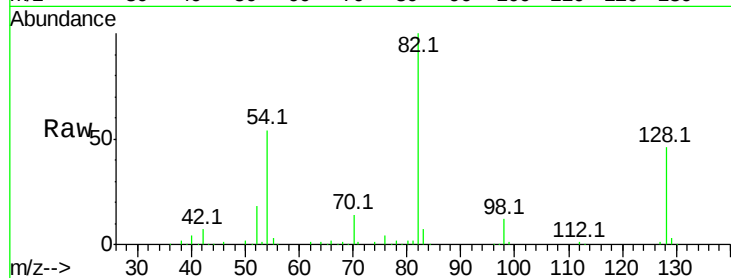
Tot Ion: 82 Resp: 237927

Ion Ratio Lower Upper

82 100

128 46.0 36.1 54.1

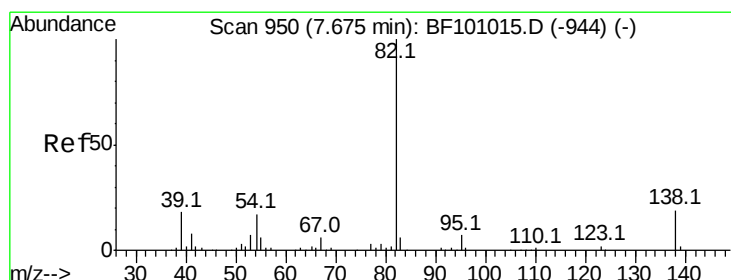
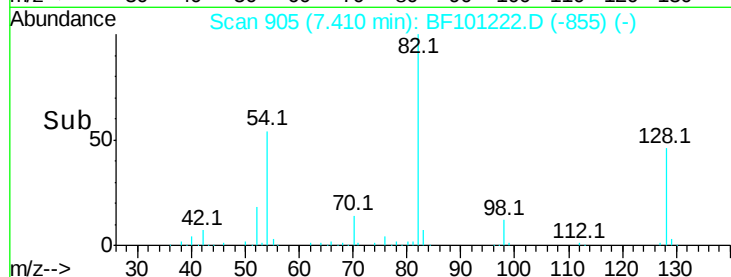
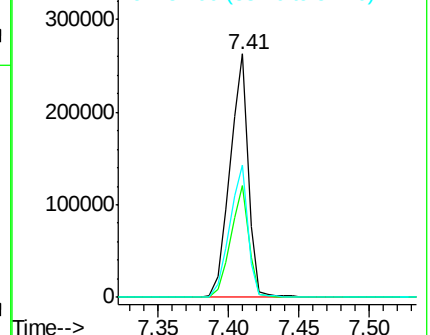
54 54.1 41.4 62.2



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: 56.775 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.26 min

Lab File: BF101222.D

Acq: 7 Dec 2017 22:55

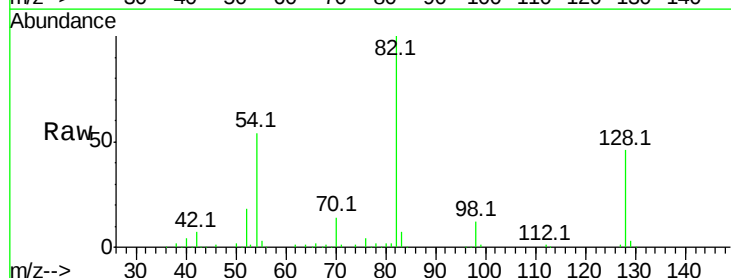
Tgt Ion: 82 Resp: 237925

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

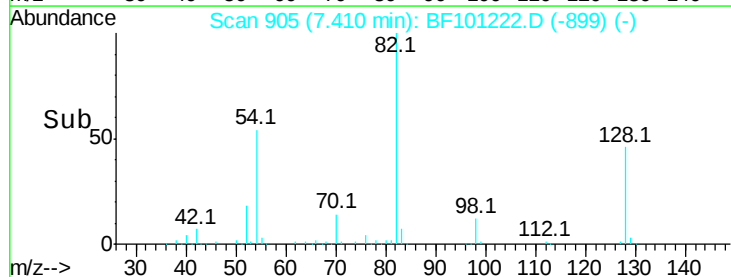
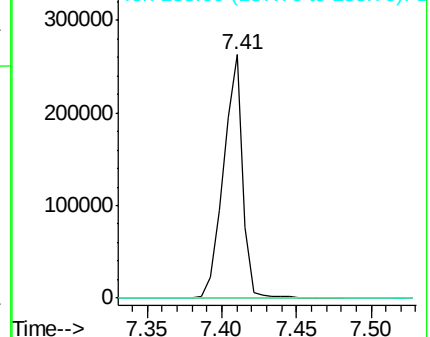
138 0.0 14.9 22.3#

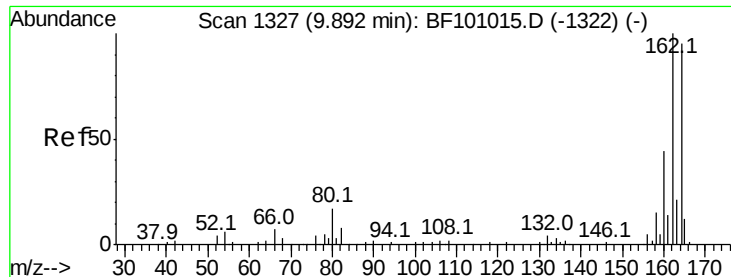


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

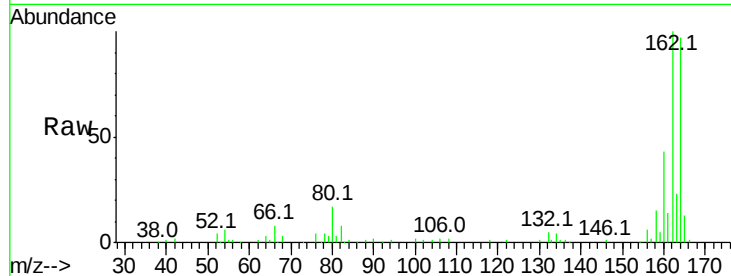




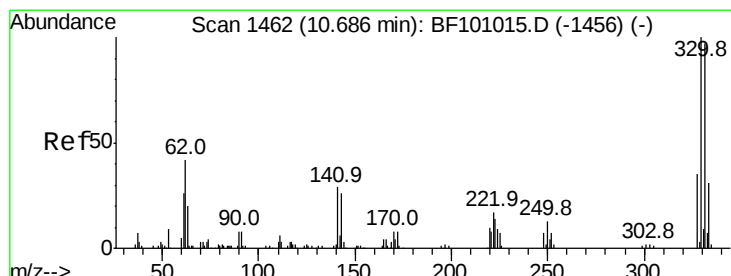
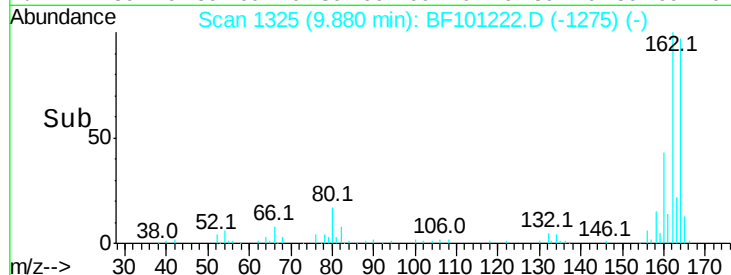
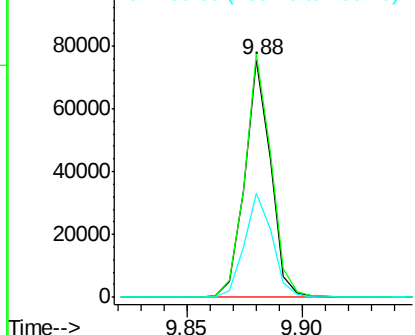
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101222.D
 Acq: 7 Dec 2017 22:55

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 58949
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 43.6 38.3 57.5

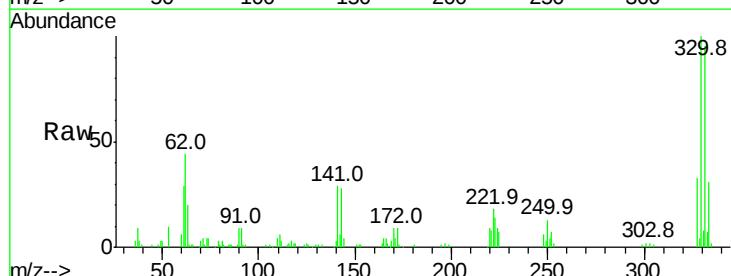


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

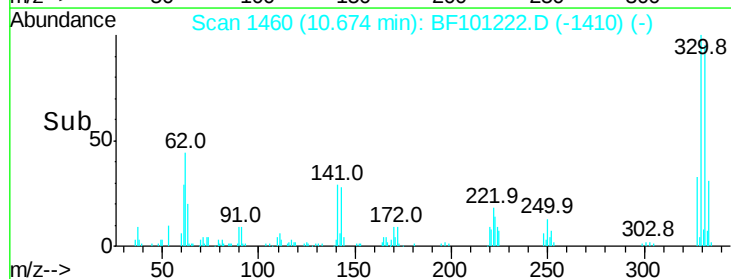
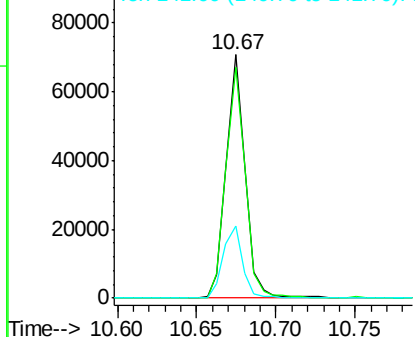


#41
 2,4,6-Tribromophenol
 Concen: 83.086 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101222.D
 Acq: 7 Dec 2017 22:55

Tgt Ion:330 Resp: 58837
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 30.1 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

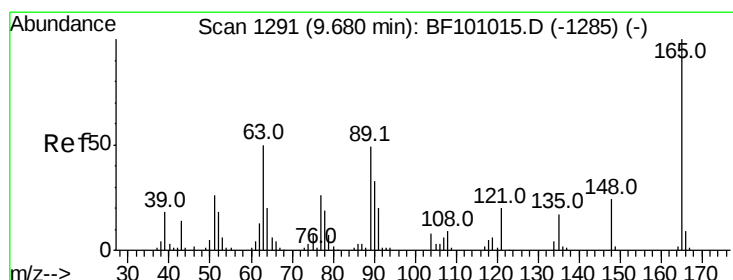
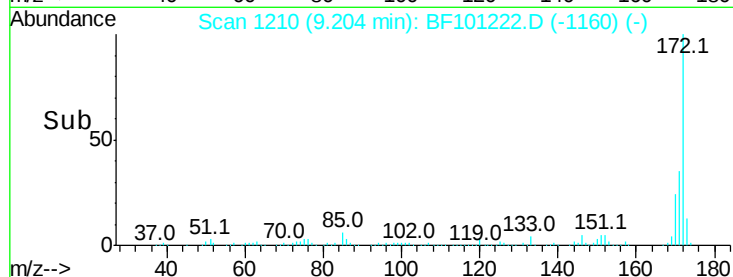
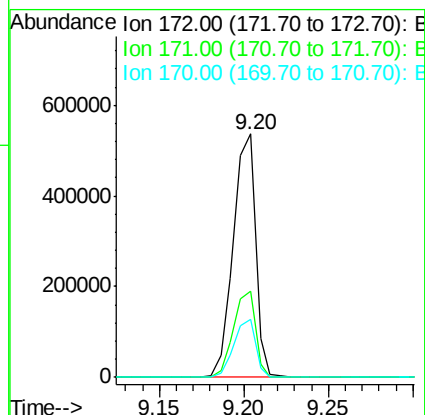
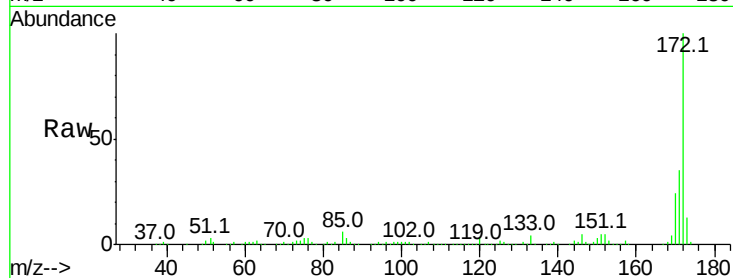




#44
 2-Fluorobiphenyl
 Concen: 114.485 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101222.D
 Acq: 7 Dec 2017 22:55

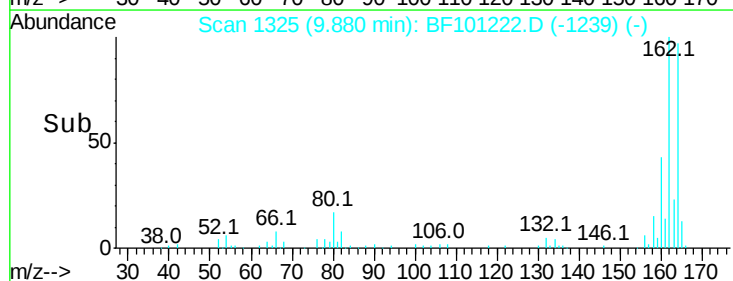
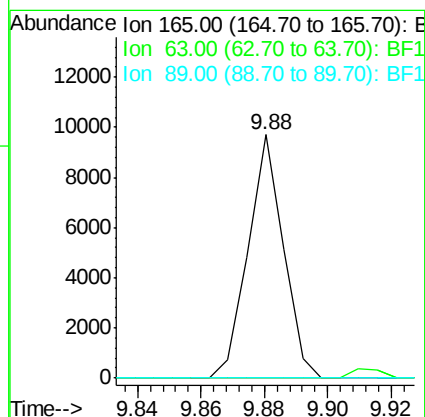
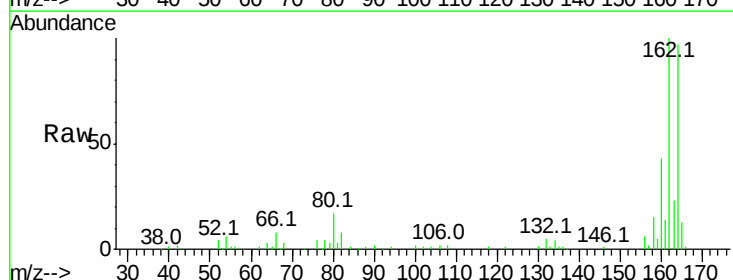
Instrument :
 BNA_F
 ClientSampleId :

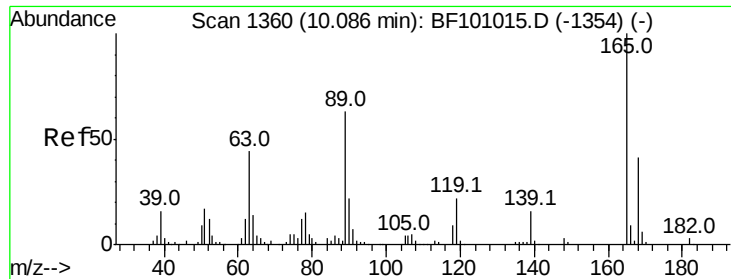
Tot Ion:172 Resp: 493260
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.8 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.441 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.21 min
 Lab File: BF101222.D
 Acq: 7 Dec 2017 22:55

Tgt Ion:165 Resp: 7451
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#

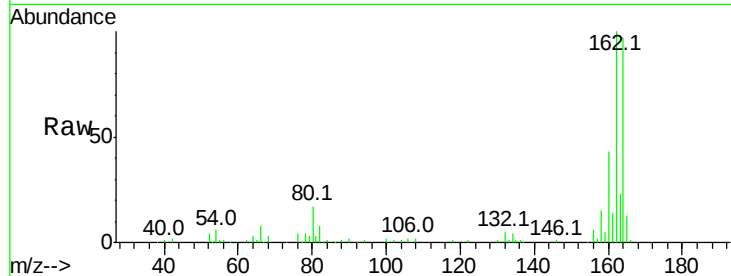




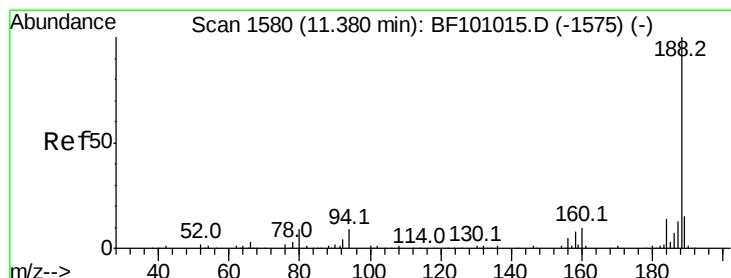
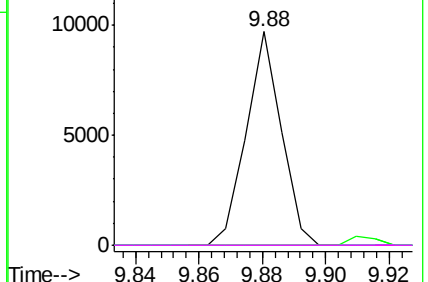
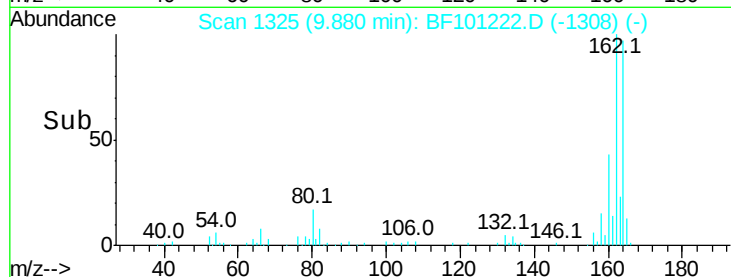
#56
 2,4-Dinitrotoluene
 Concen: 5.552 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.20 min
 Lab File: BF101222.D
 Acq: 7 Dec 2017 22:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 7451
 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#

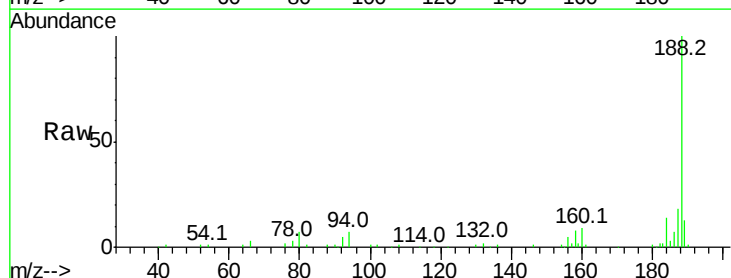


Abundance Ion 165.00 (164.70 to 165.70): E
 15000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

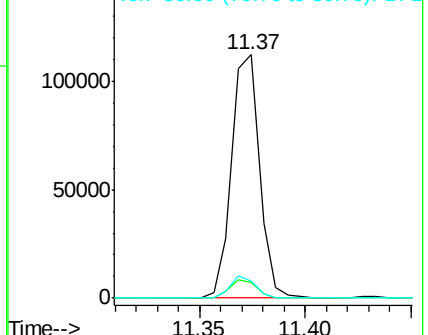
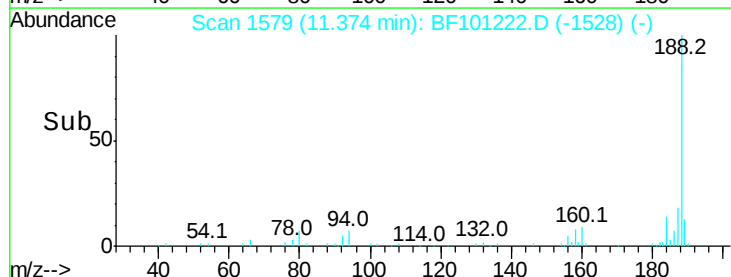


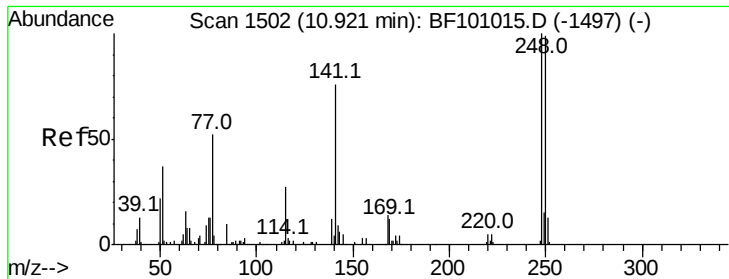
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101222.D
 Acq: 7 Dec 2017 22:55

Tgt Ion:188 Resp: 102473
 Ion Ratio Lower Upper
 188 100
 94 6.7 8.5 12.7#
 80 7.0 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
 150000
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

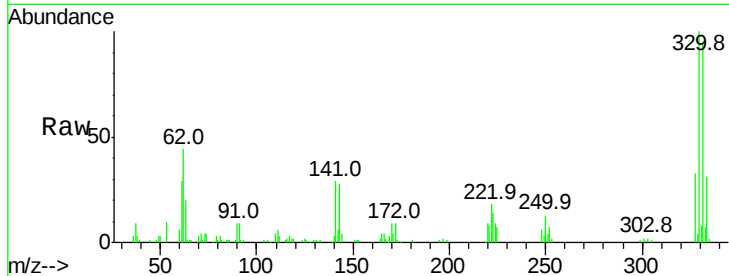




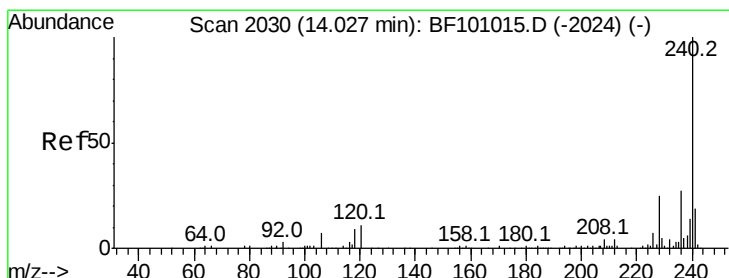
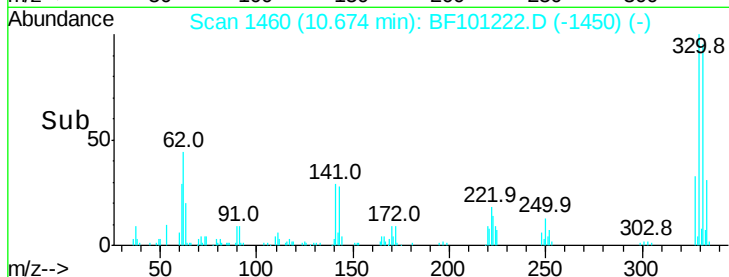
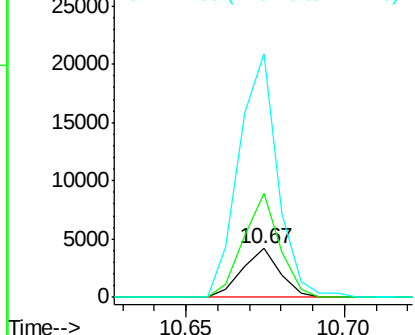
#66
4-Bromophenyl-phenylether
Concen: 3.016 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.24 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 3459
Ion Ratio Lower Upper
248 100
250 215.0 76.9 115.3#
141 500.6 74.4 111.6#

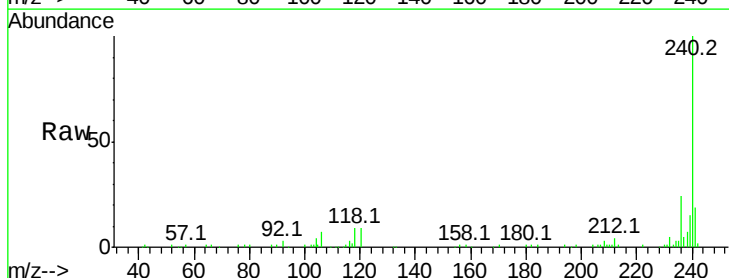


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

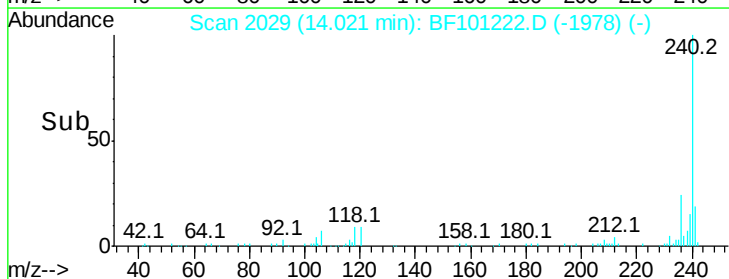
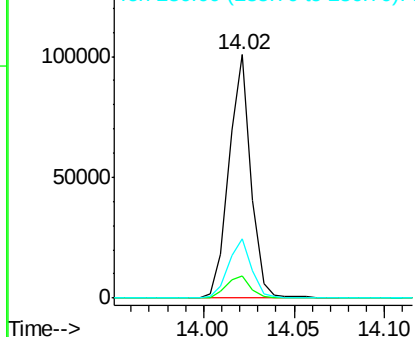


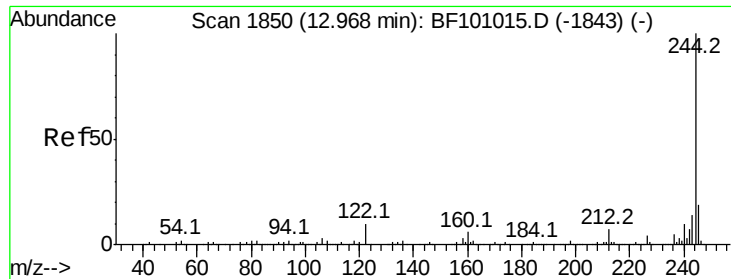
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101222.D
Acq: 7 Dec 2017 22:55

Tgt Ion:240 Resp: 84771
Ion Ratio Lower Upper
240 100
120 9.3 9.5 14.3#
236 24.4 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: 101.870 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BF101222.D

Acq: 7 Dec 2017 22:55

Instrument :

BNA_F

ClientSampleId :

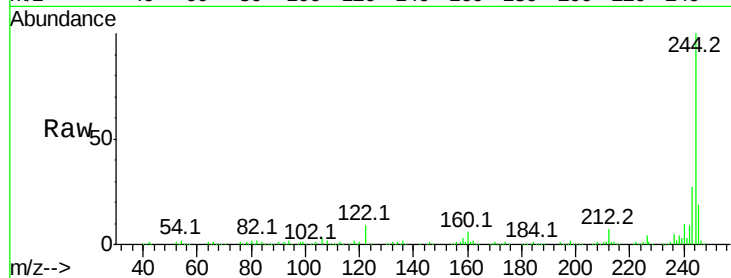
Tot Ion:244 Resp: 394813

Ion Ratio Lower Upper

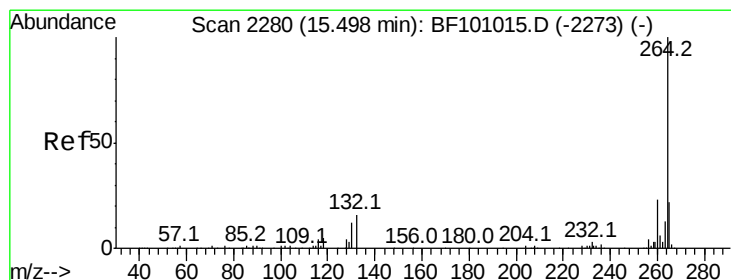
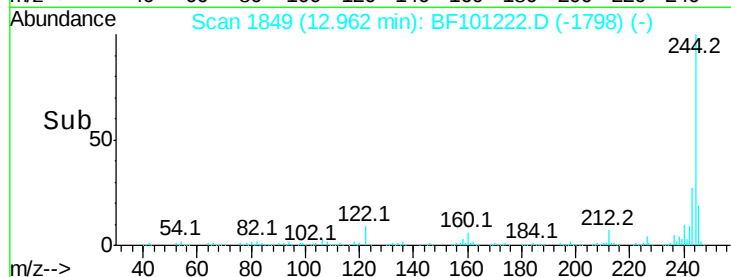
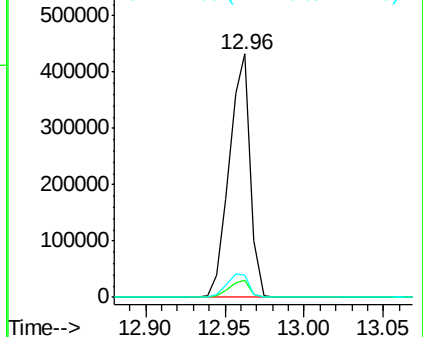
244 100

212 6.8 5.4 8.0

122 9.3 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: BF101222.D

Acq: 7 Dec 2017 22:55

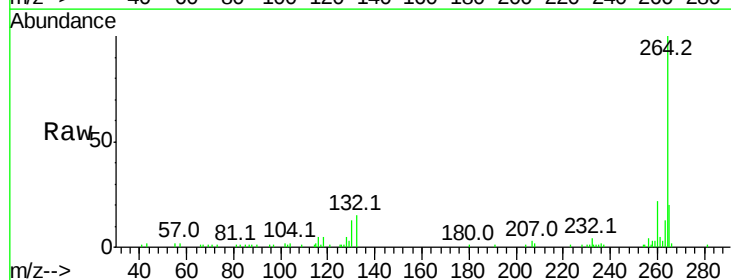
Tgt Ion:264 Resp: 65890

Ion Ratio Lower Upper

264 100

260 22.0 19.2 28.8

265 20.3 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

