

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101043.D
 Acq On : 1 Dec 2017 2:54
 Operator : SJ/JU
 Sample : I6641-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 01 03:32:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

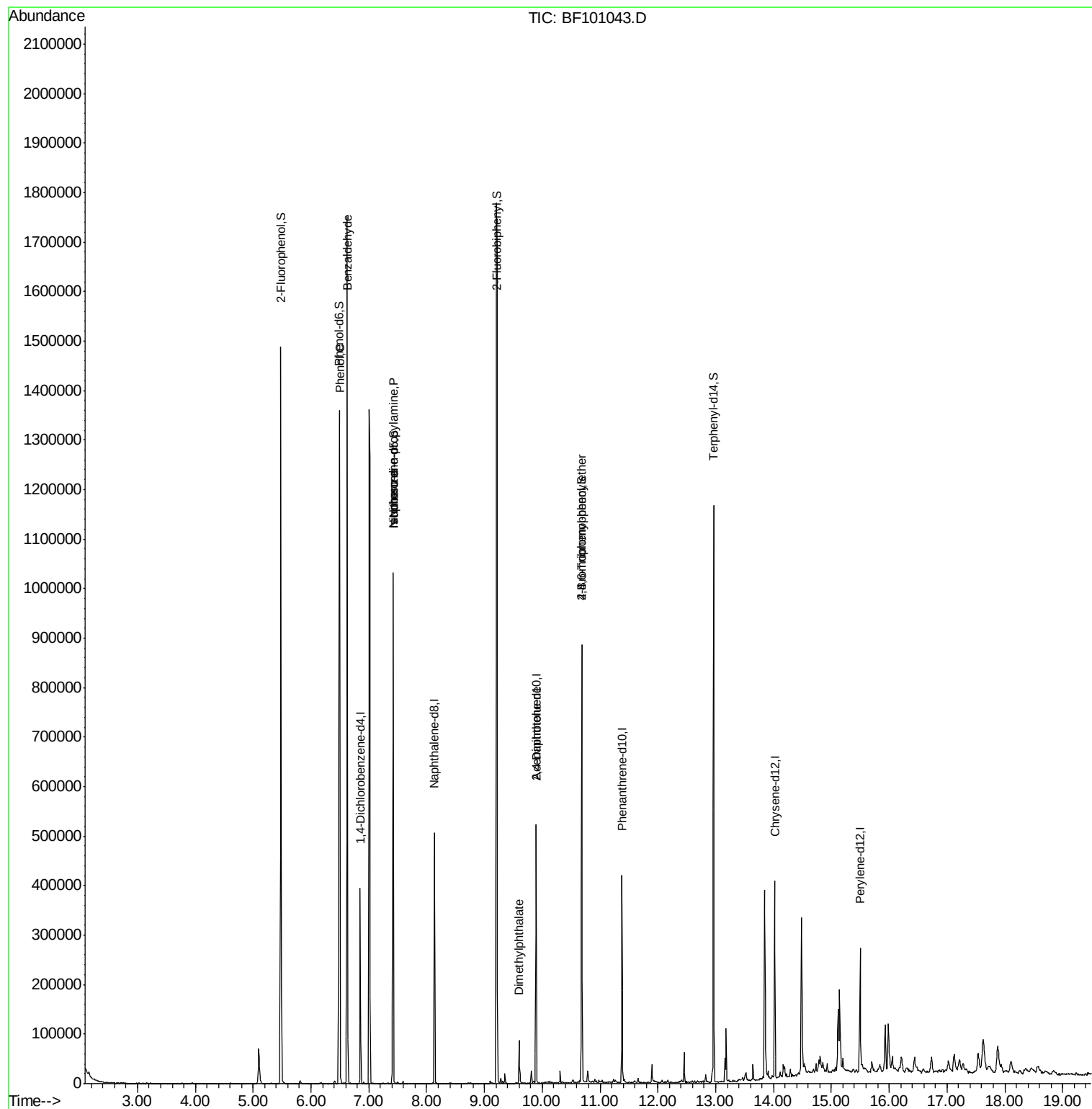
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	59958	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	222570	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	91750	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	144632	20.00	ng	0.00
75) Chrysene-d12	14.02	240	127139	20.00	ng	0.00
86) Perylene-d12	15.50	264	95851	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	481621	132.73	ng	0.02
7) Phenol-d6	6.49	99	578767	131.38	ng	0.00
23) Nitrobenzene-d5	7.42	82	346148	92.77	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	118127	107.18	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	614815	91.68	ng	0.00
78) Terphenyl-d14	12.96	244	392194	67.47	ng	0.00
Target Compounds						
9) Benzaldehyde	6.63	77	10660	3.954	ng	82
10) Phenol	6.50	94	25047	5.113	ng	92
19) n-Nitroso-di-n-propylamine	7.42	70	45753	15.422	ng	# 81
25) Isophorone	7.42	82	346205	54.323	ng	# 64
49) Dimethylphthalate	9.60	163	31911	4.313	ng	# 99
56) 2,4-Dinitrotoluene	9.89	165	12116	5.801	ng	# 21
66) 4-Bromophenyl-phenylether	10.69	248	7354	4.543	ng	# 1

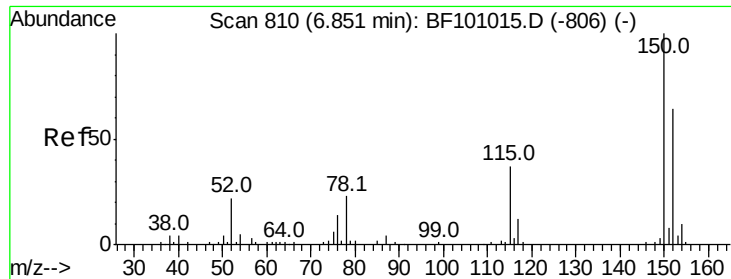
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
Data File : BF101043.D
Acq On : 1 Dec 2017 2:54
Operator : SJ/JU
Sample : I6641-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 01 03:32:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 16:01:41 2017
Response via : Initial Calibration



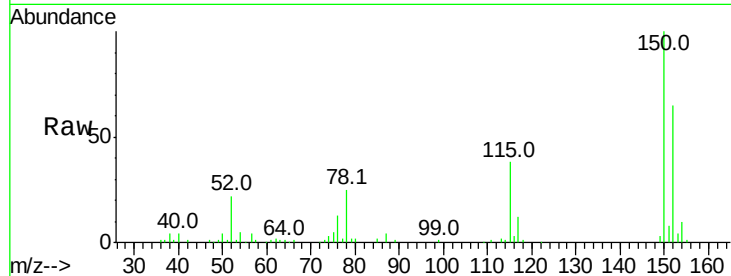


#1

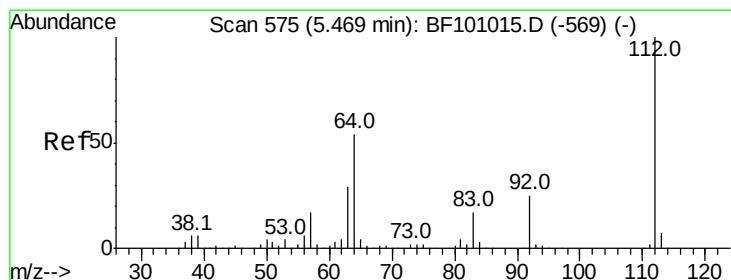
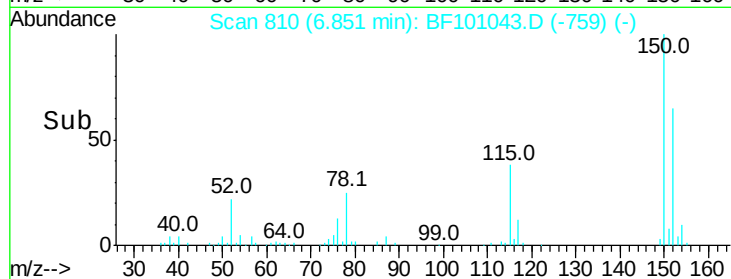
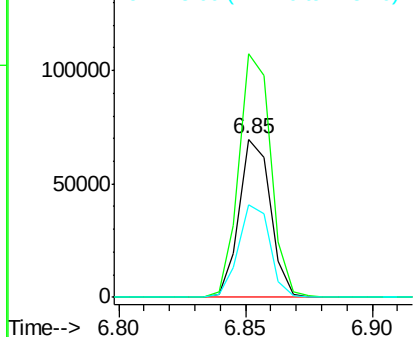
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF101043.D
Acq: 1 Dec 2017 2:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 59958
Ion Ratio Lower Upper
152 100
150 153.6 124.6 186.8
115 58.6 50.1 75.1



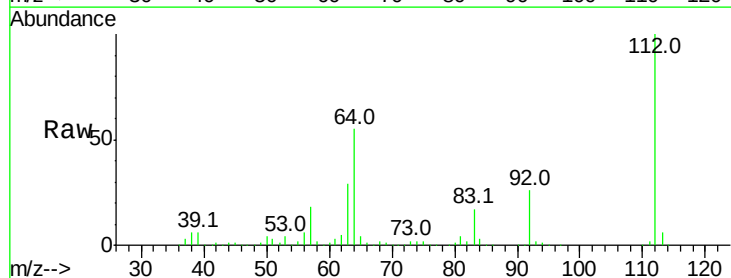
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



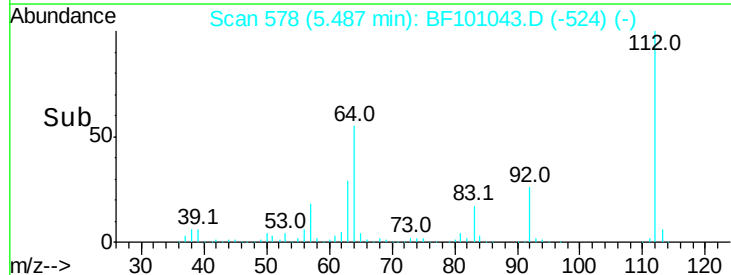
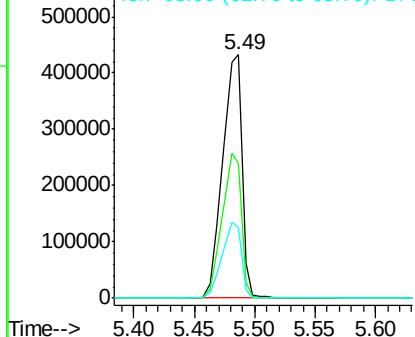
#5

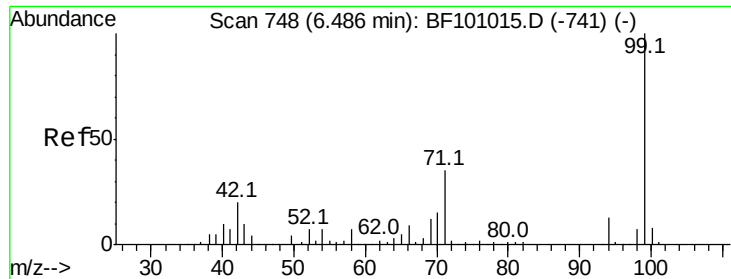
2-Fluorophenol
Concen: 132.735 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF101043.D
Acq: 1 Dec 2017 2:54

Tgt Ion:112 Resp: 481621
Ion Ratio Lower Upper
112 100
64 55.1 47.9 71.9
63 29.1 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: 131.380 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101043.D

Acq: 1 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

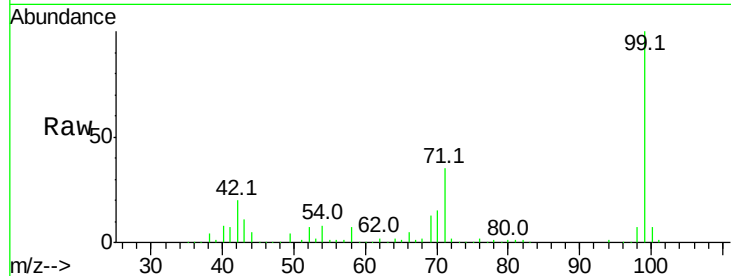
Tot Ion: 99 Resp: 578767

Ion Ratio Lower Upper

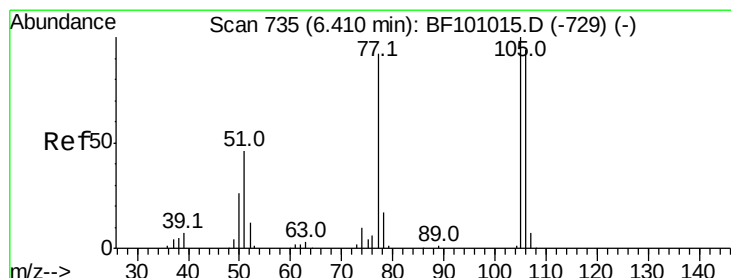
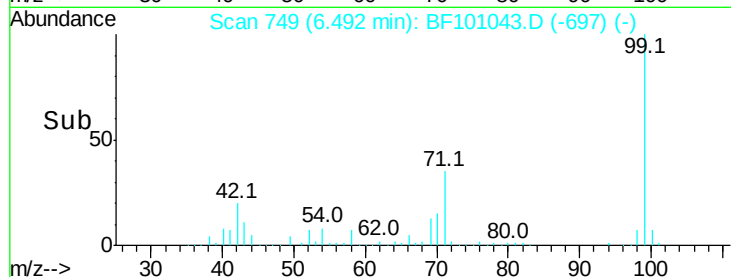
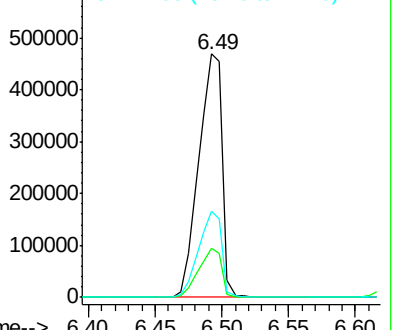
99 100

42 20.3 14.5 21.7

71 35.3 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



#9

Benzaldehyde

Concen: 3.954 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.22 min

Lab File: BF101043.D

Acq: 1 Dec 2017 2:54

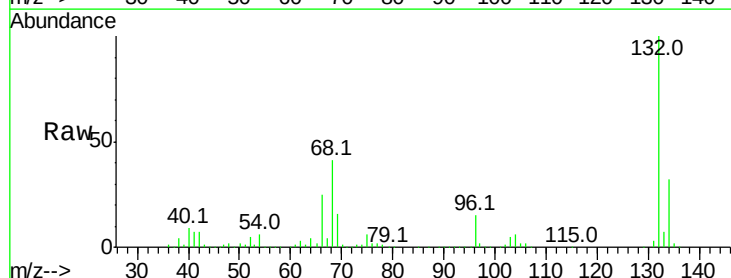
Tgt Ion: 77 Resp: 10660

Ion Ratio Lower Upper

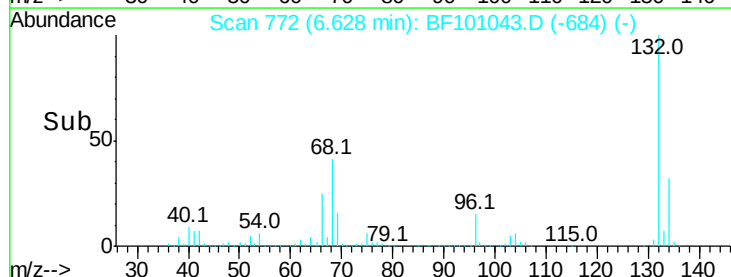
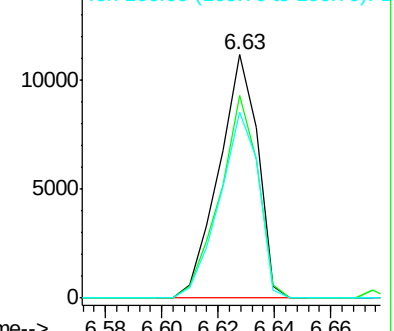
77 100

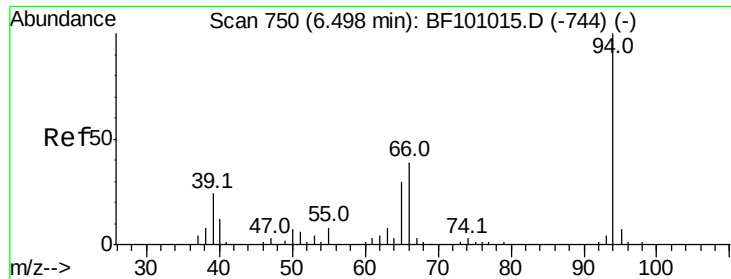
105 83.0 81.1 121.1

106 76.3 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

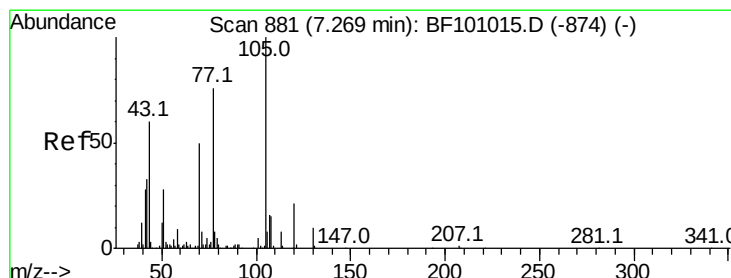
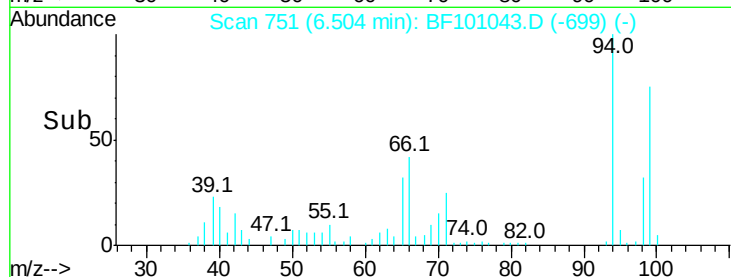
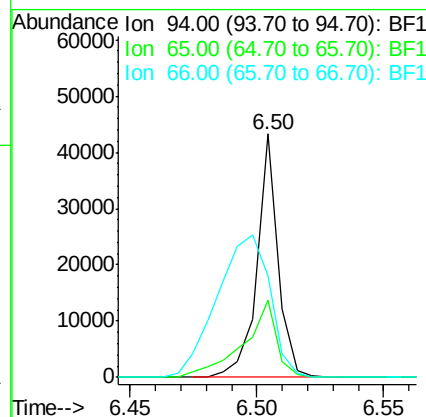
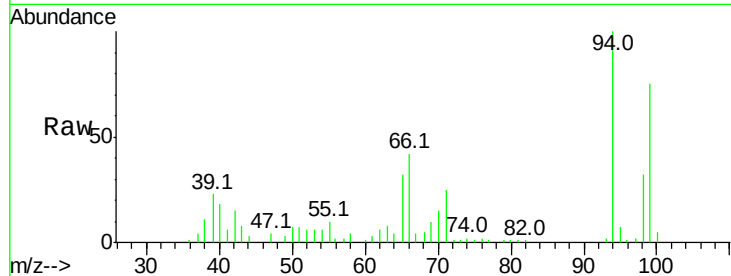




#10
Phenol
Concen: 5.113 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF101043.D
Acq: 1 Dec 2017 2:54

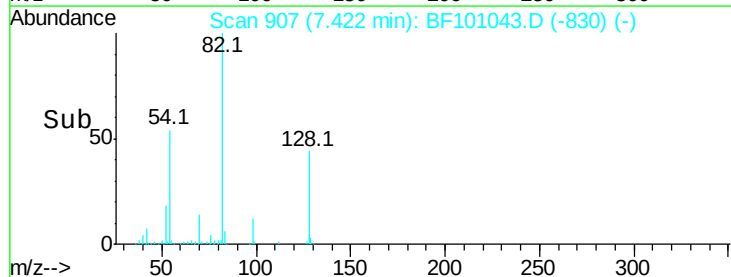
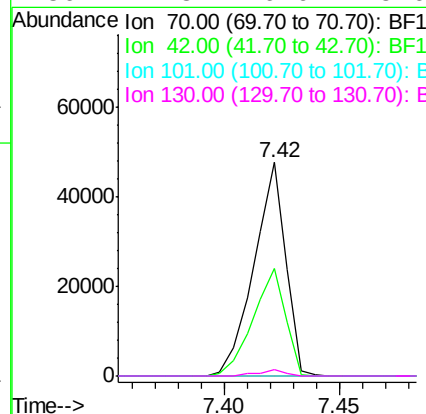
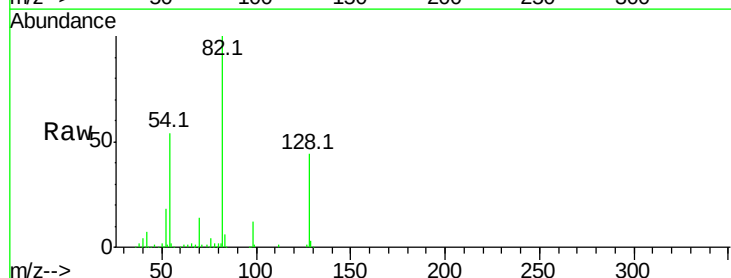
Instrument :
BNA_F
ClientSampleId :

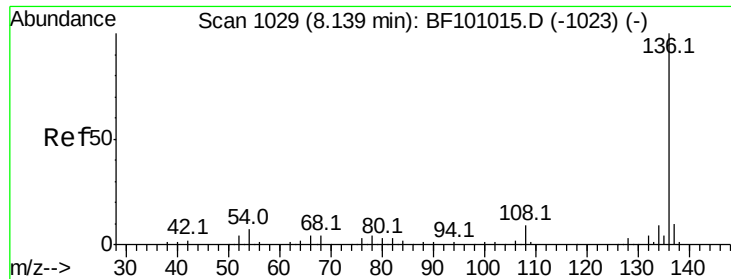
Tot Ion: 94 Resp: 25047
Ion Ratio Lower Upper
94 100
65 31.5 7.9 47.9
66 41.9 16.2 56.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.422 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.15 min
Lab File: BF101043.D
Acq: 1 Dec 2017 2:54

Tgt Ion: 70 Resp: 45753
Ion Ratio Lower Upper
70 100
42 50.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.8 16.6 25.0#

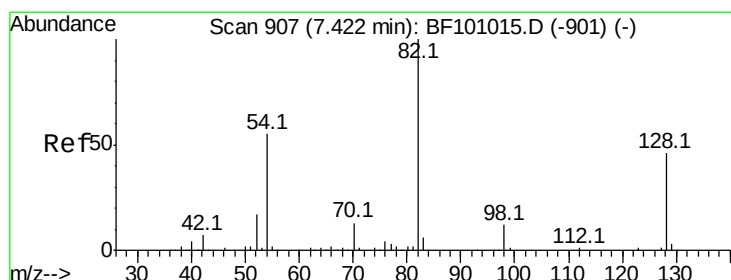
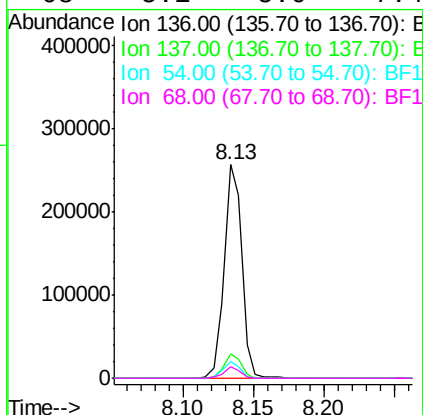
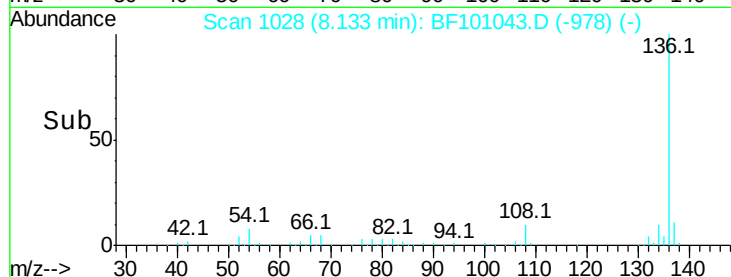
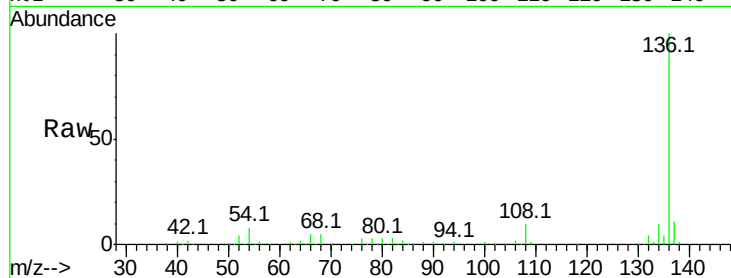




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101043.D
Acq: 1 Dec 2017 2:54

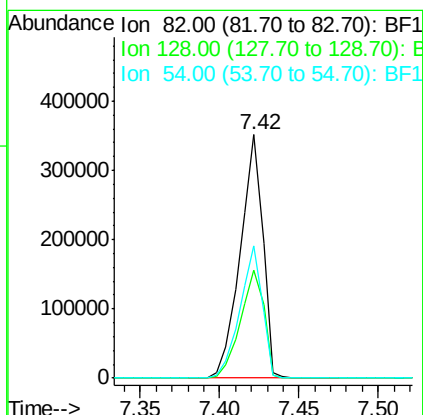
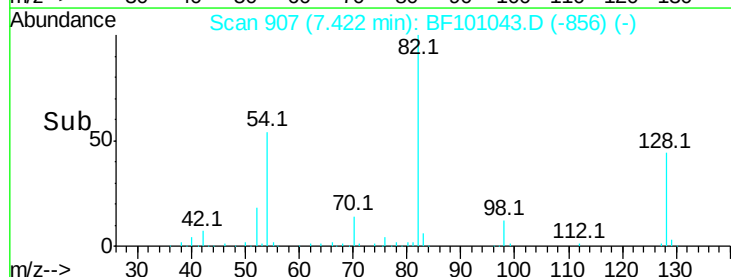
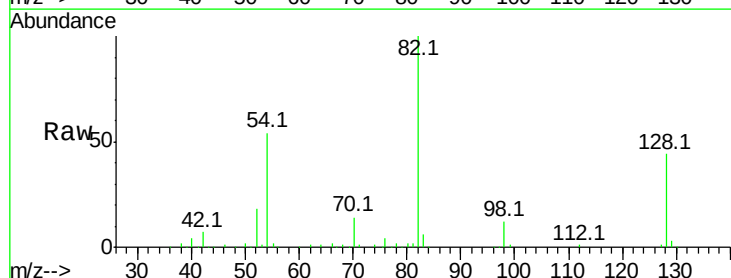
Instrument :
BNA_F
ClientSampleId :

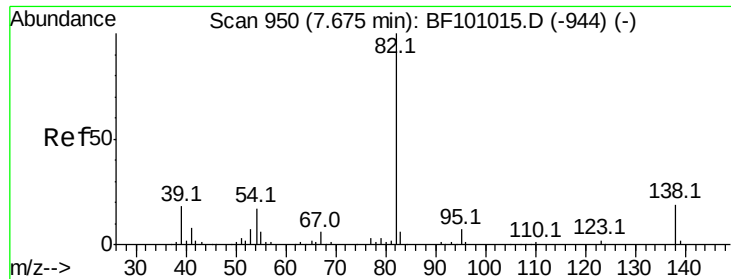
Tot Ion:	136	Resp:	222570
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.8	6.6	9.8
68	5.1	5.0	7.4



#23
Nitrobenzene-d5
Concen: 92.774 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: BF101043.D
Acq: 1 Dec 2017 2:54

Tgt Ion:	82	Resp:	346148
Ion	Ratio	Lower	Upper
82	100		
128	44.3	36.1	54.1
54	54.1	41.4	62.2





#25

Isophorone

Concen: 54.323 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.25 min

Lab File: BF101043.D

Acq: 1 Dec 2017 2:54

Instrument :

BNA_F

ClientSampleId :

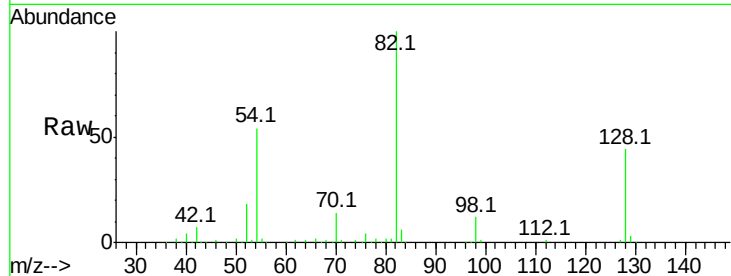
Tot Ion: 82 Resp: 346205

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

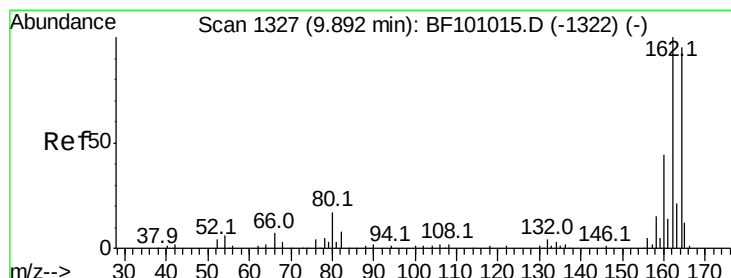
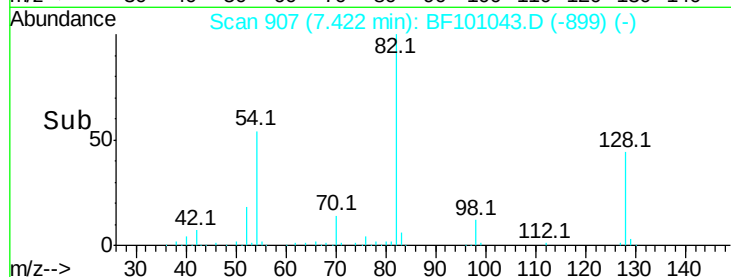
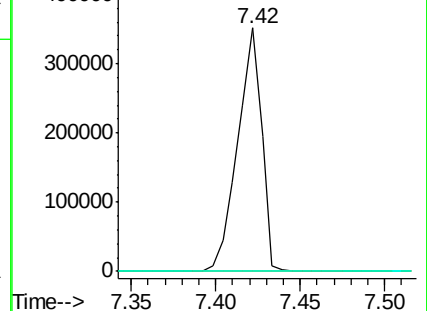
138 0.0 14.9 22.3#



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: 9.89 min Scan# 1327

Delta R.T. 0.00 min

Lab File: BF101043.D

Acq: 1 Dec 2017 2:54

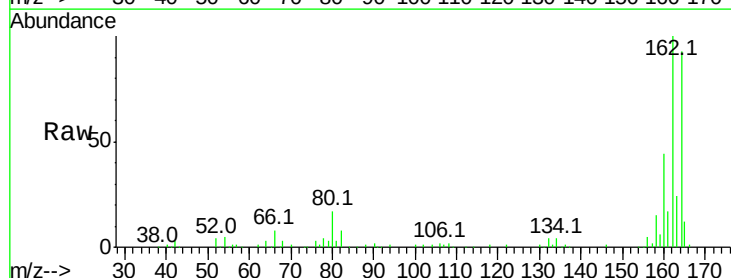
Tgt Ion:164 Resp: 91750

Ion Ratio Lower Upper

164 100

162 107.6 86.1 129.1

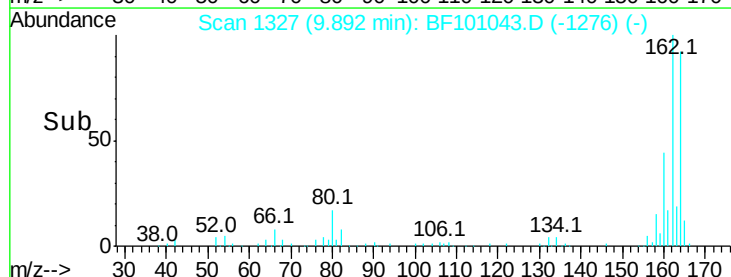
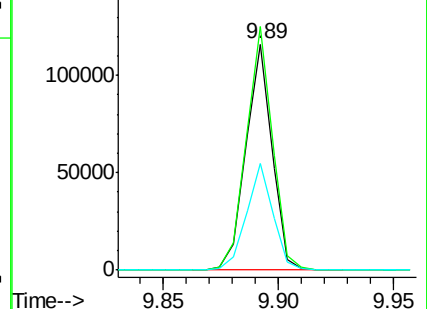
160 47.1 38.3 57.5

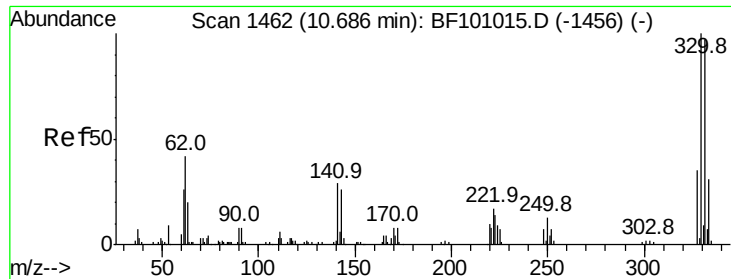


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#41

2,4,6-Tribromophenol

Concen: 107.176 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF101043.D

Acq: 1 Dec 2017 2:54

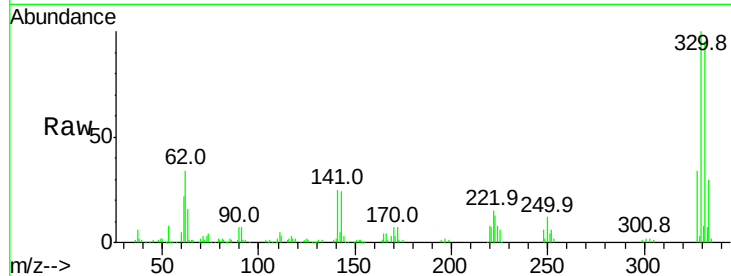
Instrument :

BNA_F

ClientSampleId :

Tot Ion:330 Resp: 118127

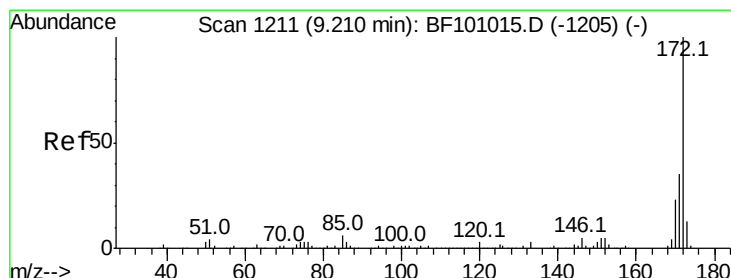
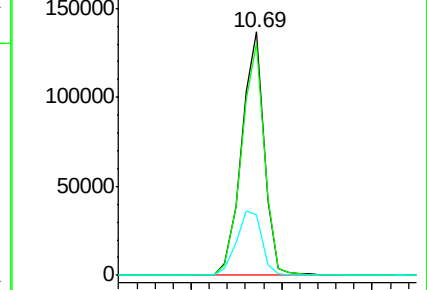
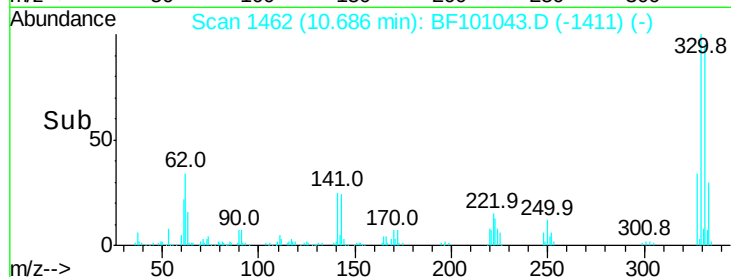
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	30.1	29.9	44.9



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: 91.683 ng

RT: 9.22 min Scan# 1212

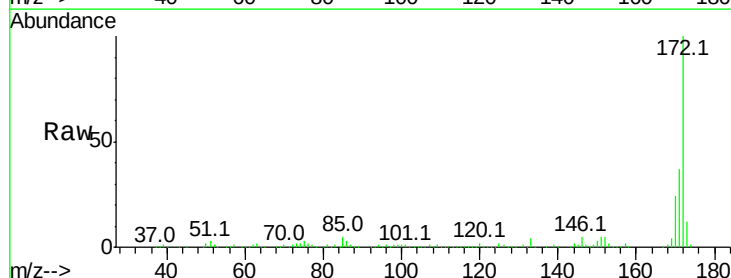
Delta R.T. 0.01 min

Lab File: BF101043.D

Acq: 1 Dec 2017 2:54

Tgt Ion:172 Resp: 614815

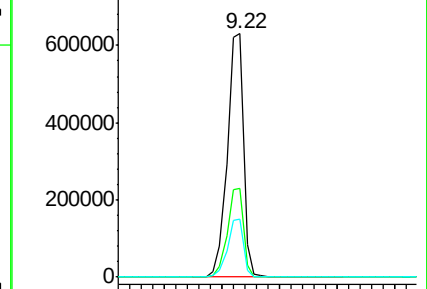
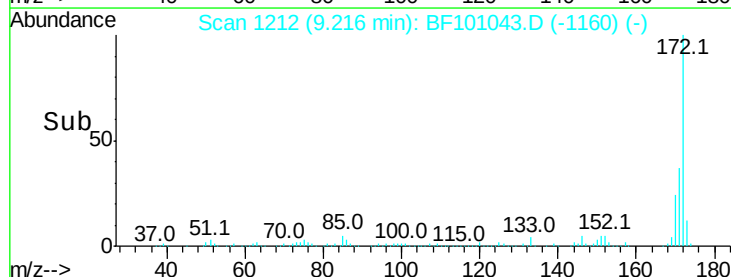
Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.8	19.6	29.4

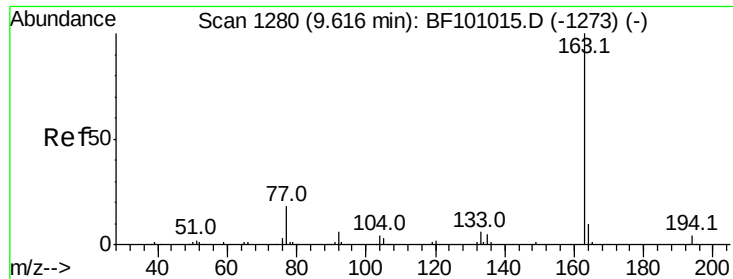


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

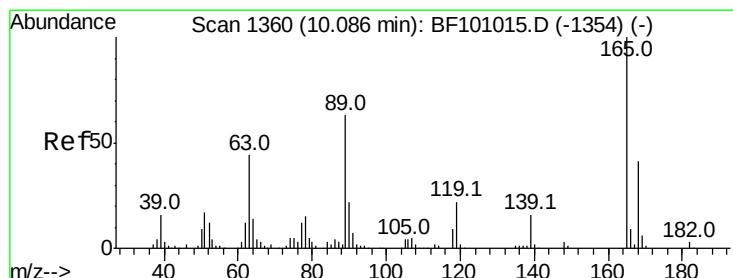
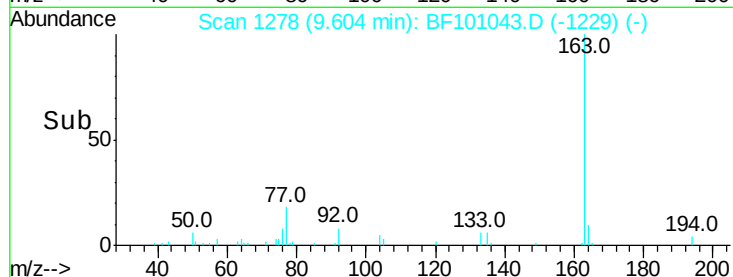
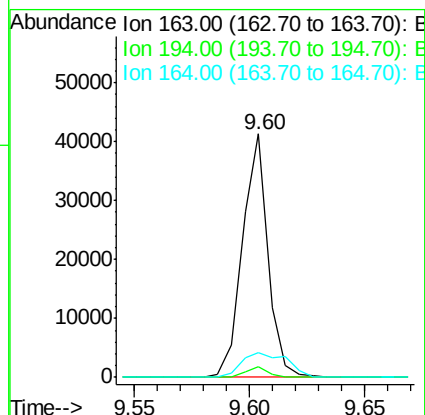
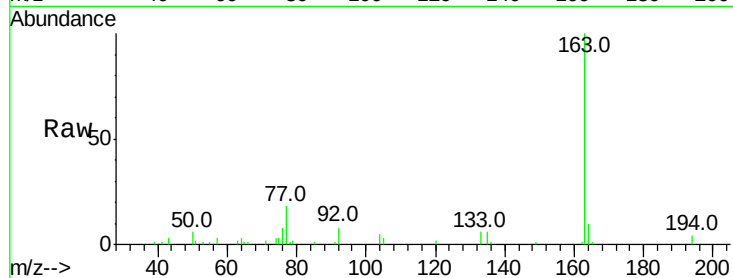




#49
 Dimethylphthalate
 Concen: 4.313 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF101043.D
 Acq: 1 Dec 2017 2:54

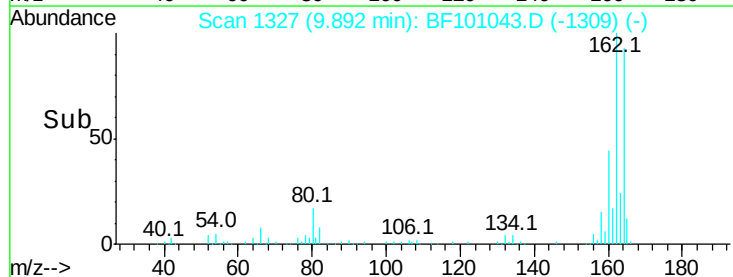
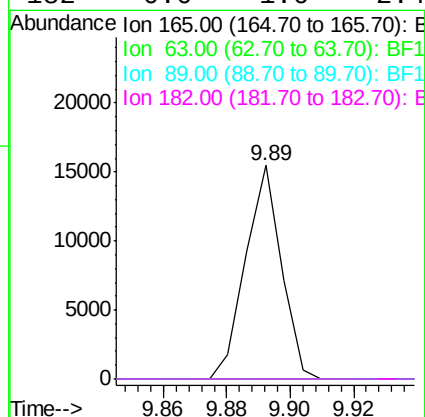
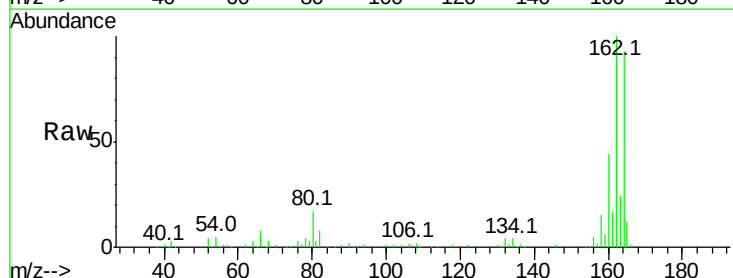
Instrument :
 BNA_F
 ClientSampleId :

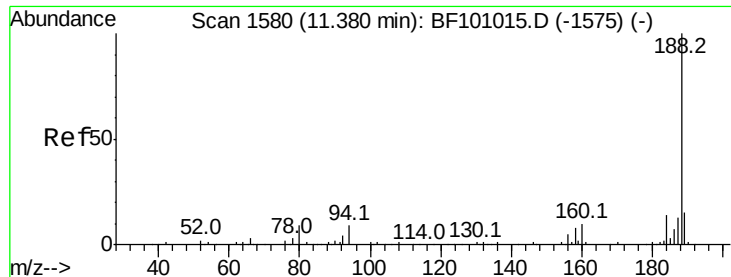
Tot Ion:	163	Resp:	31911
Ion	Ratio	Lower	Upper
163	100		
194	4.2	2.7	4.1#
164	10.4	8.2	12.2



#56
 2,4-Dinitrotoluene
 Concen: 5.801 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. -0.19 min
 Lab File: BF101043.D
 Acq: 1 Dec 2017 2:54

Tgt Ion:	165	Resp:	12116
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#

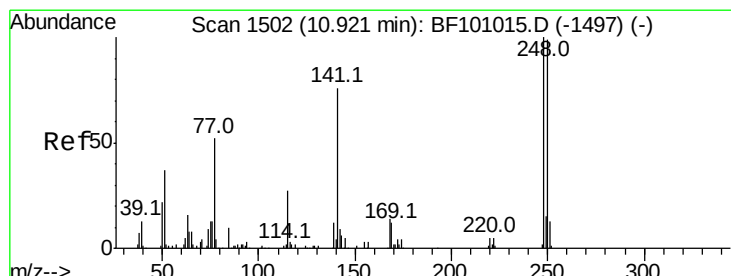
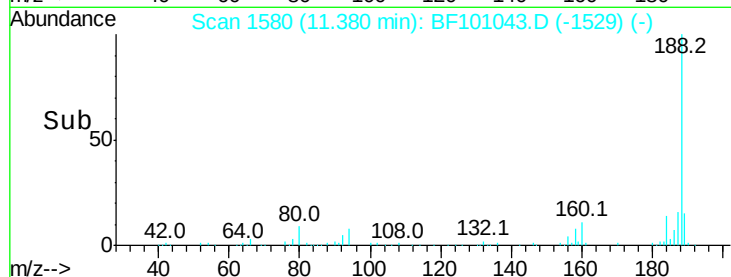
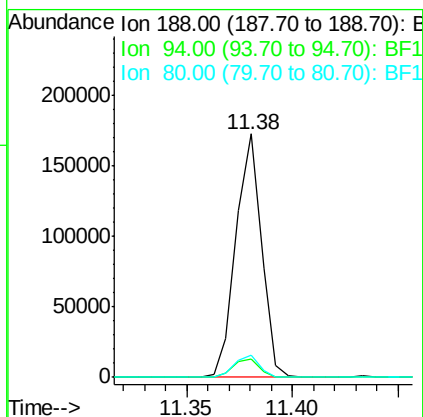
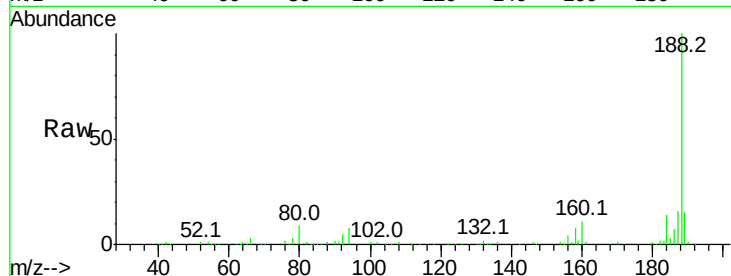




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. 0.00 min
 Lab File: BF101043.D
 Acq: 1 Dec 2017 2:54

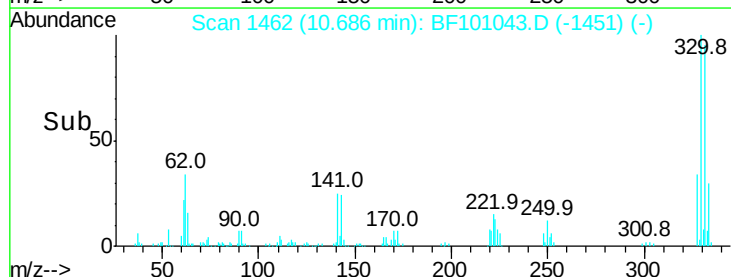
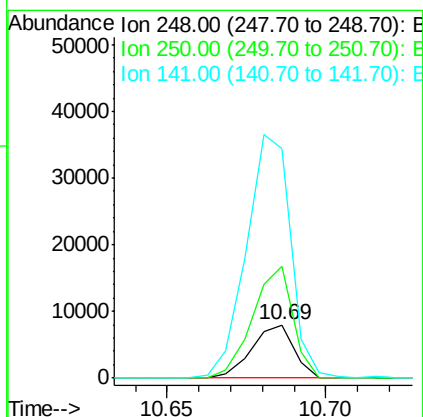
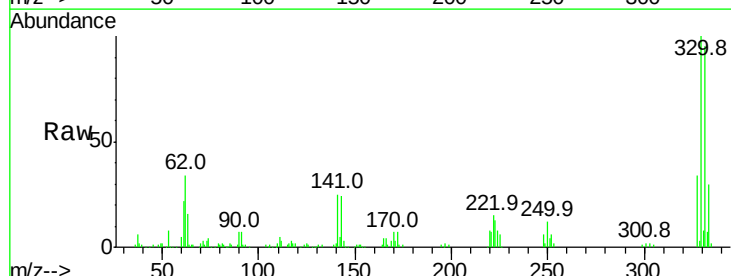
Instrument :
 BNA_F
 ClientSampleId :

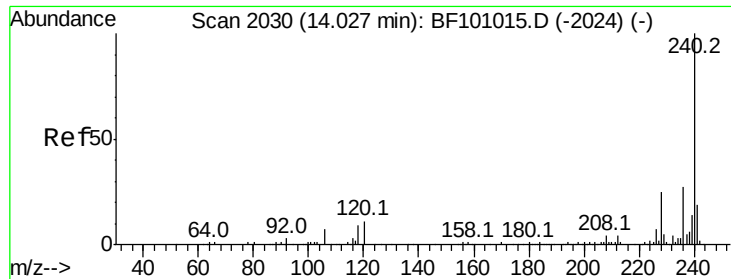
Tot Ion:188 Resp: 144632
 Ion Ratio Lower Upper
 188 100
 94 7.7 8.5 12.7#
 80 8.9 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 4.543 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.24 min
 Lab File: BF101043.D
 Acq: 1 Dec 2017 2:54

Tgt Ion:248 Resp: 7354
 Ion Ratio Lower Upper
 248 100
 250 209.4 76.9 115.3#
 141 431.7 74.4 111.6#

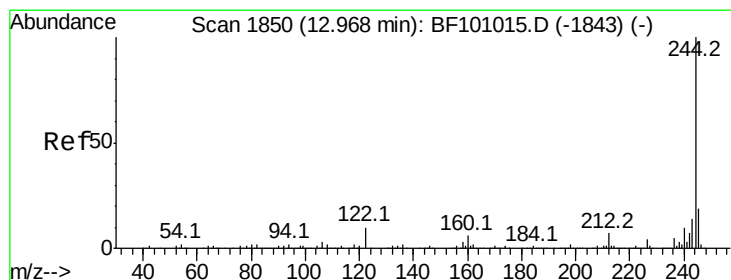
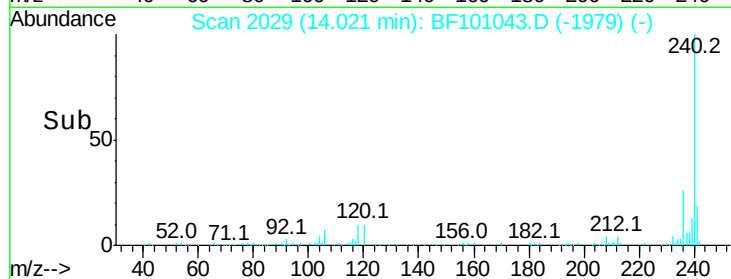
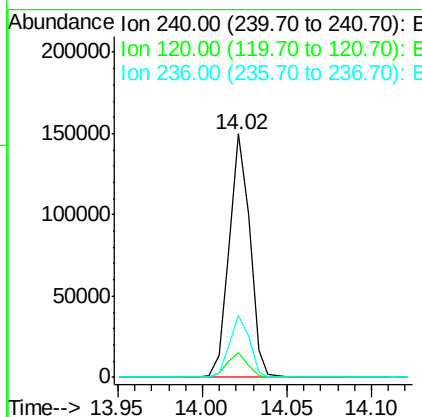
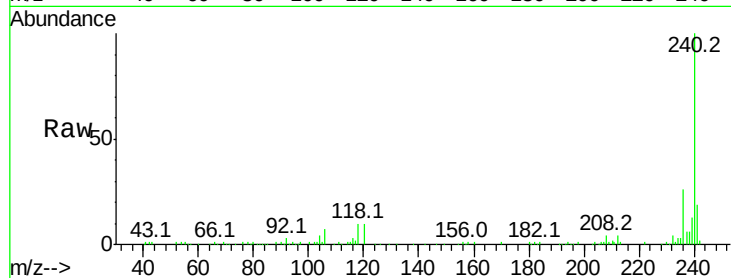




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF101043.D
 Acq: 1 Dec 2017 2:54

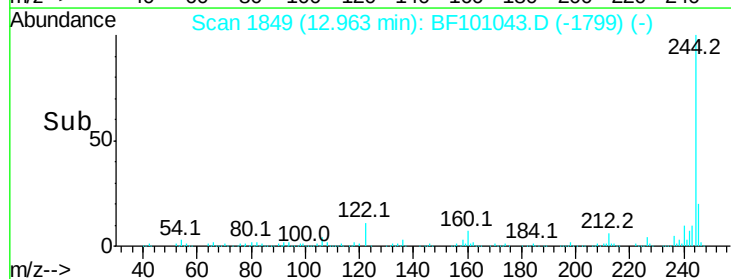
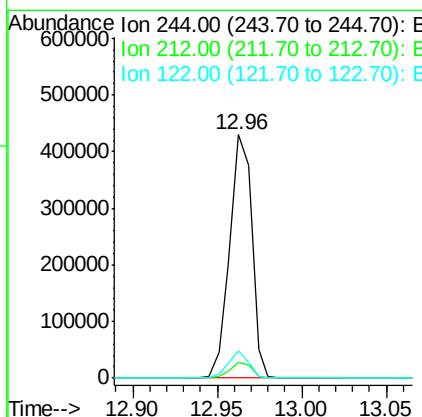
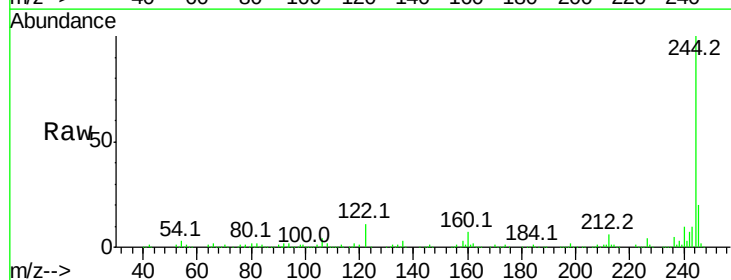
Instrument :
 BNA_F
 ClientSampleId :

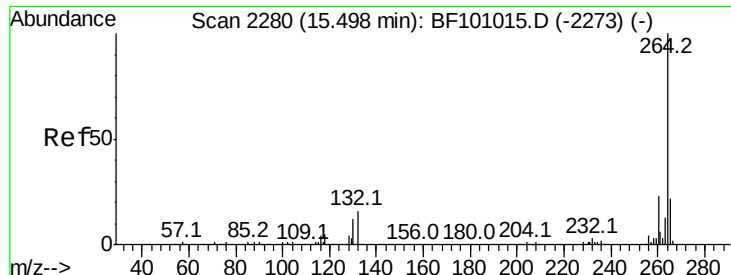
Tot Ion:240 Resp: 127139
 Ion Ratio Lower Upper
 240 100
 120 10.1 9.5 14.3
 236 25.6 20.7 31.1



#78
 Terphenyl-d14
 Concen: 67.472 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF101043.D
 Acq: 1 Dec 2017 2:54

Tgt Ion:244 Resp: 392194
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 11.1 11.0 16.4

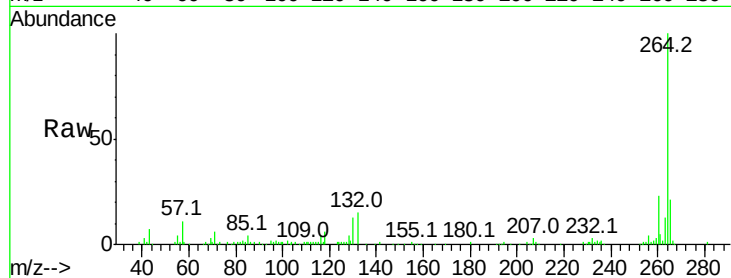




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.00 min
Lab File: BF101043.D
Acq: 1 Dec 2017 2:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	20.9	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

