

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012518\
 Data File : BF102421.D
 Acq On : 25 Jan 2018 12:58
 Operator : SJ/JU
 Sample : J1251-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)

Quant Time: Jan 25 13:55:25 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

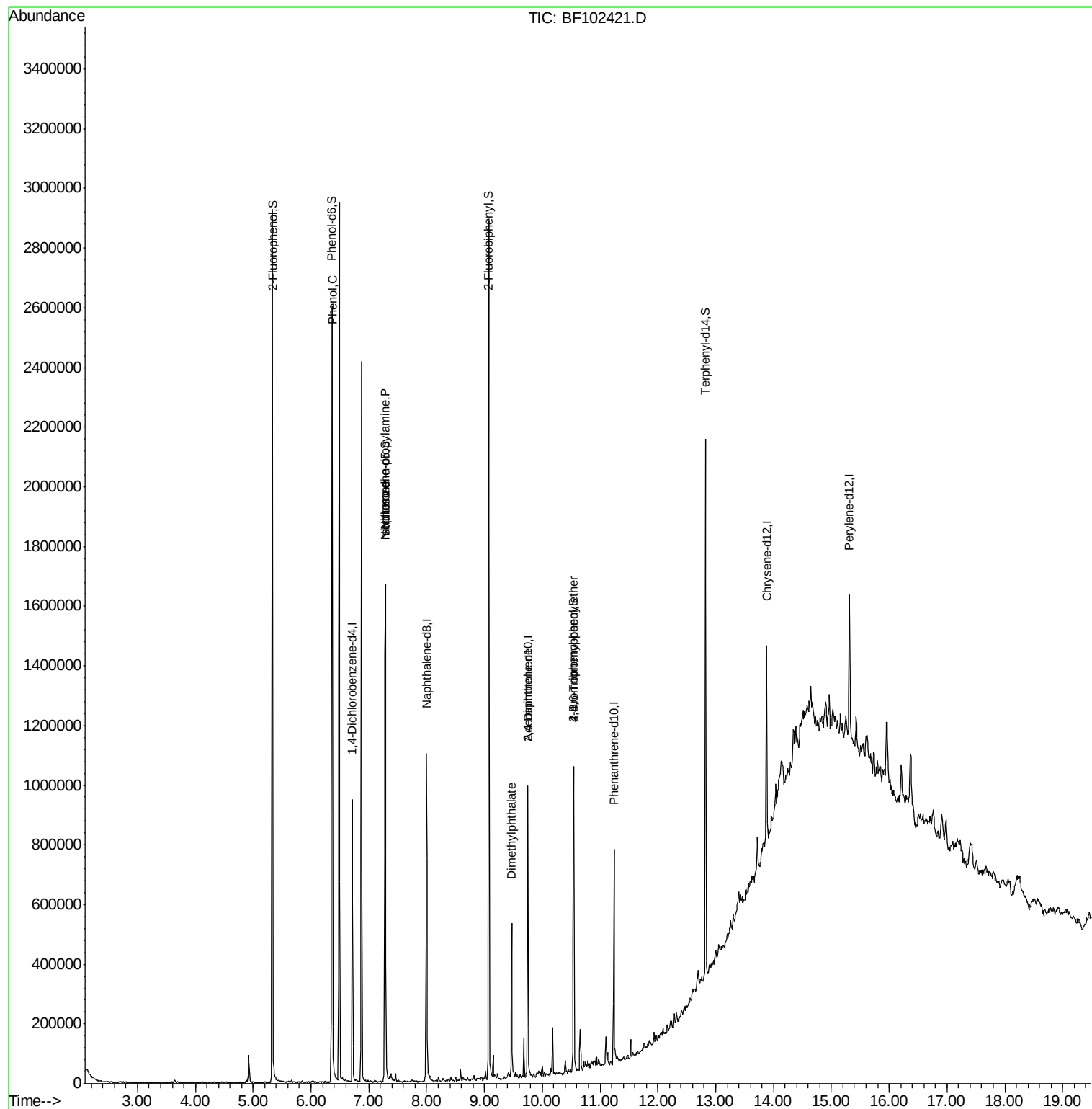
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	131809	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	502860	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	190211	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	270066	20.00	ng	0.00
75) Chrysene-d12	13.88	240	238702	20.00	ng	0.00
86) Perylene-d12	15.31	264	218543	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	861451	99.10	ng	0.01
7) Phenol-d6	6.36	99	1022416	97.56	ng	0.00
23) Nitrobenzene-d5	7.29	82	570269	65.17	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	120999	64.20	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	908162	70.20	ng	0.00
78) Terphenyl-d14	12.82	244	595395	56.23	ng	0.00
Target Compounds						
10) Phenol	6.37	94	54844	4.793	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	76575	11.939	ng	# 80
25) Isophorone	7.29	82	570260	36.555	ng	# 64
49) Dimethylphthalate	9.47	163	202831	12.901	ng	100
56) 2,4-Dinitrotoluene	9.75	165	25036	6.006	ng	# 24
66) 4-Bromophenyl-phenylether	10.55	248	8244	2.836	ng	# 1

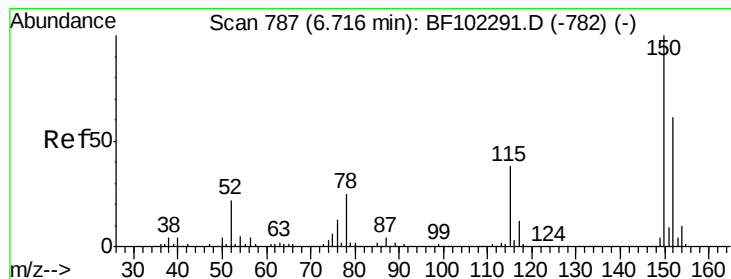
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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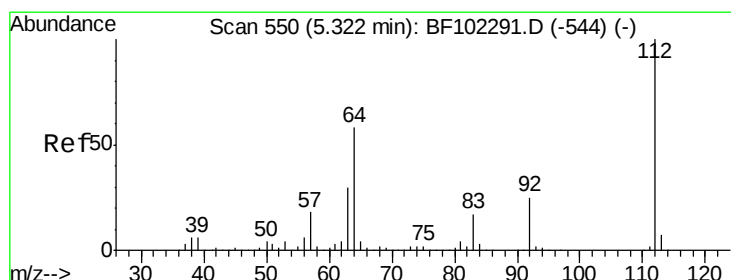
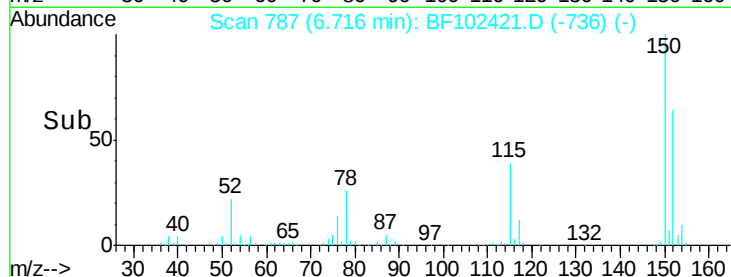
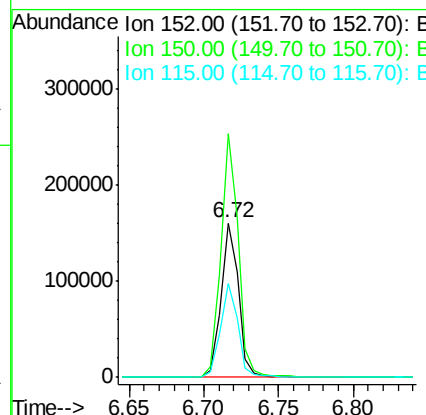
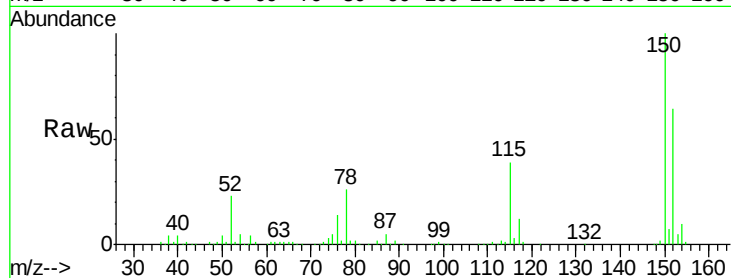


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102421.D
Acq: 25 Jan 2018 12:58

Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)

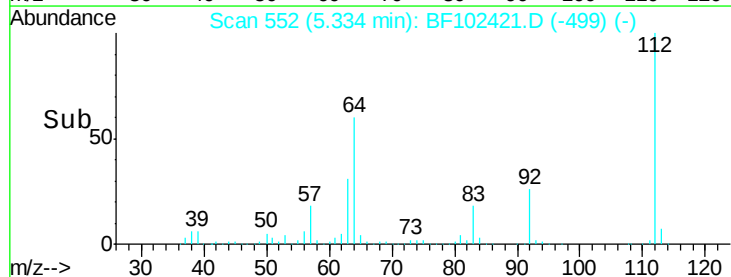
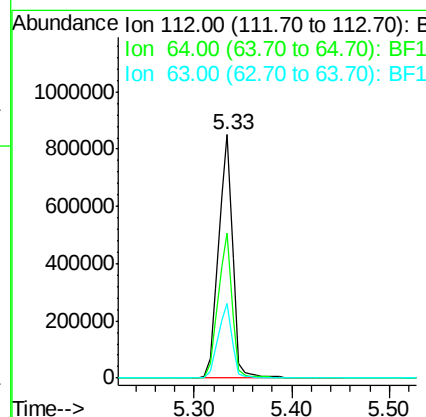
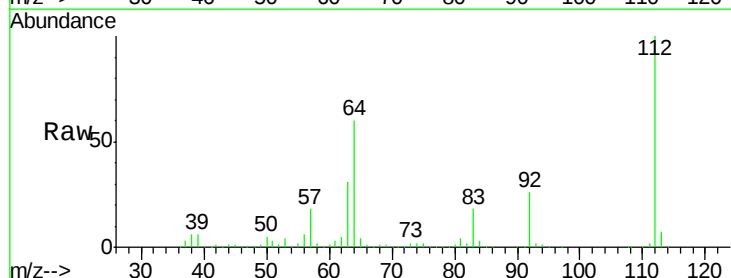
Tgt Ion:152 Resp: 131809
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 61.1 50.1 75.1

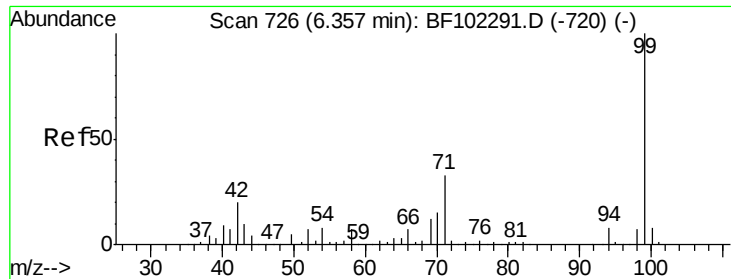


#5

2-Fluorophenol
Concen: 99.097 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102421.D
Acq: 25 Jan 2018 12:58

Tgt Ion:112 Resp: 861451
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 30.5 23.7 35.5





#7

Phenol-d6

Concen: 97.557 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF102421.D

Acq: 25 Jan 2018 12:58

Instrument :

BNA_F

ClientSampleId :

W12-1(0-2)

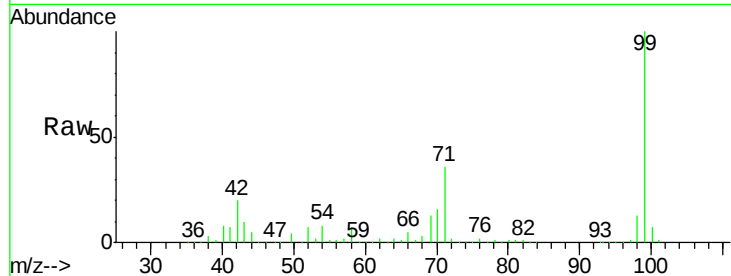
Tgt Ion: 99 Resp: 1022416

Ion Ratio Lower Upper

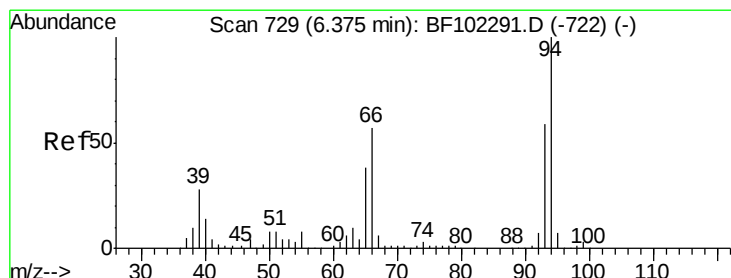
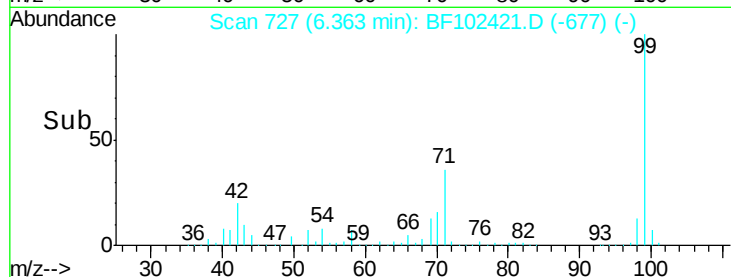
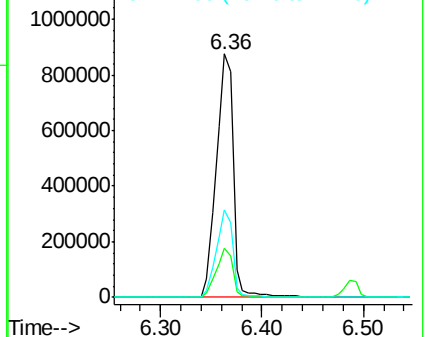
99 100

42 20.3 14.5 21.7

71 35.8 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: 4.793 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF102421.D

Acq: 25 Jan 2018 12:58

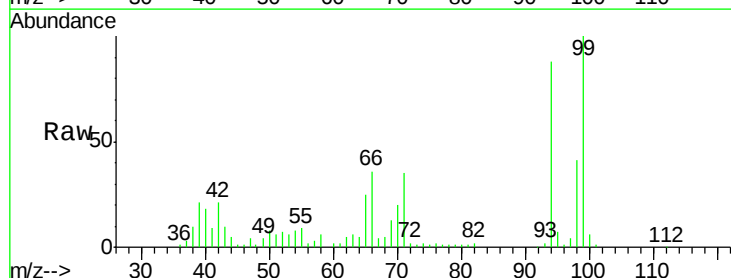
Tgt Ion: 94 Resp: 54844

Ion Ratio Lower Upper

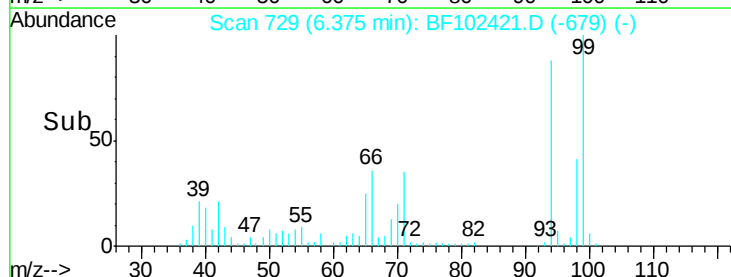
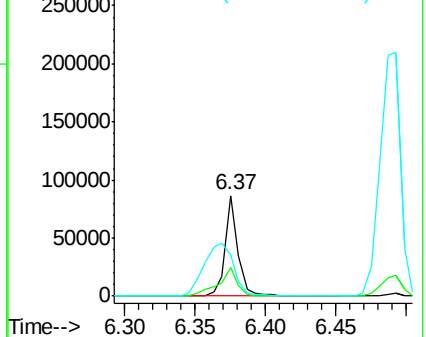
94 100

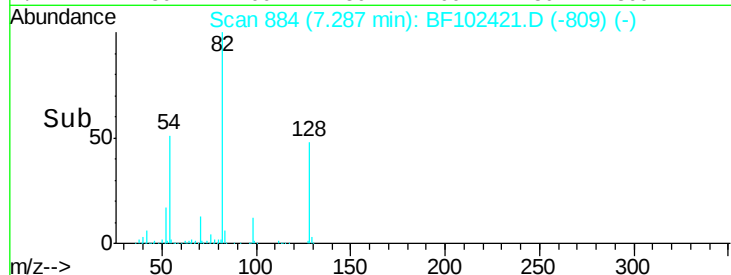
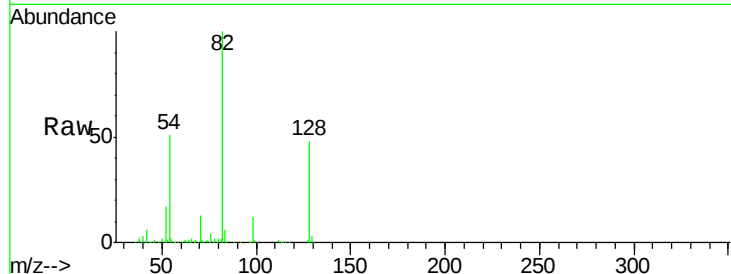
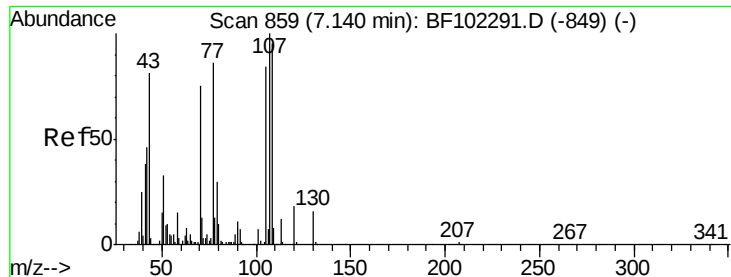
65 28.3 7.9 47.9

66 41.2 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

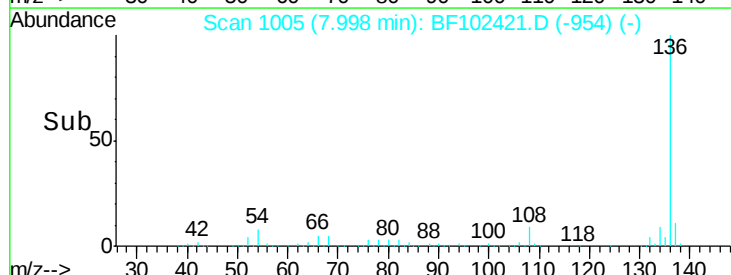
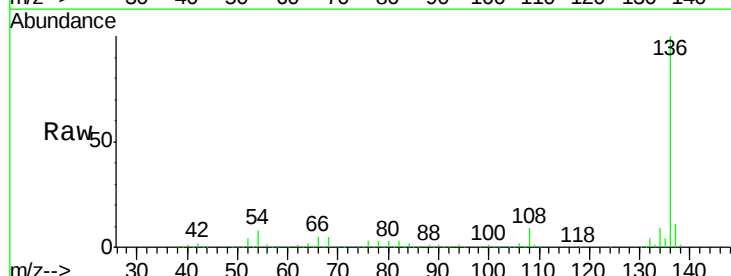
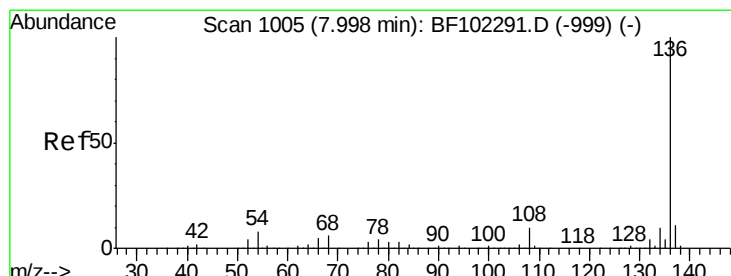
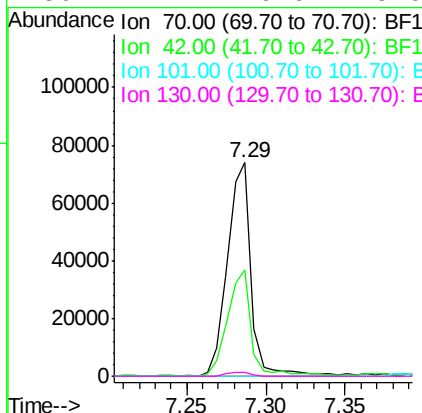




#19
n-Nitroso-di-n-propylamine
Concen: 11.939 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102421.D
Acq: 25 Jan 2018 12:58

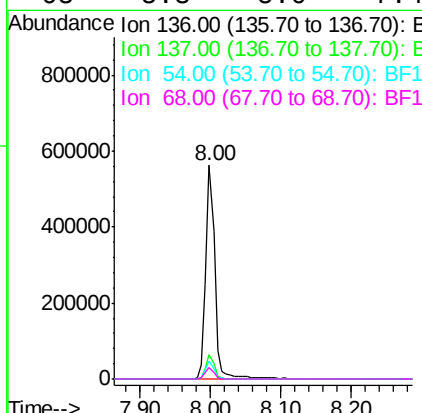
Instrument :
BNA_F
ClientSampleId :
W12-1(0-2)

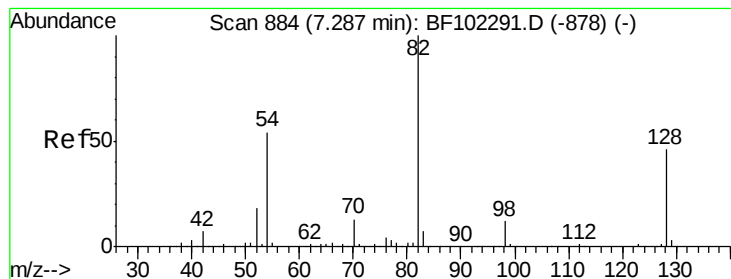
Tgt Ion: 70 Resp: 76575
Ion Ratio Lower Upper
70 100
42 50.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102421.D
Acq: 25 Jan 2018 12:58

Tgt Ion: 136 Resp: 502860
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.3 6.6 9.8
68 5.3 5.0 7.4





#23

Nitrobenzene-d5

Concen: 65.170 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102421.D

Acq: 25 Jan 2018 12:58

Instrument :

BNA_F

ClientSampleId :

W12-1(0-2)

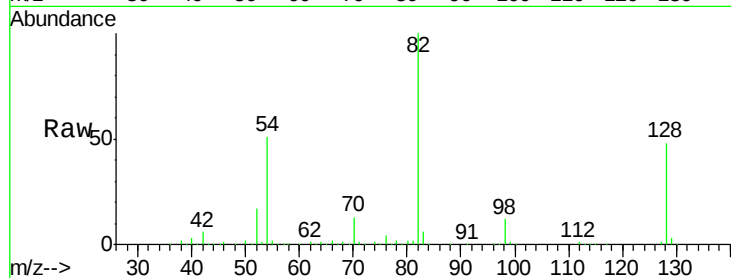
Tgt Ion: 82 Resp: 570269

Ion Ratio Lower Upper

82 100

128 47.5 36.1 54.1

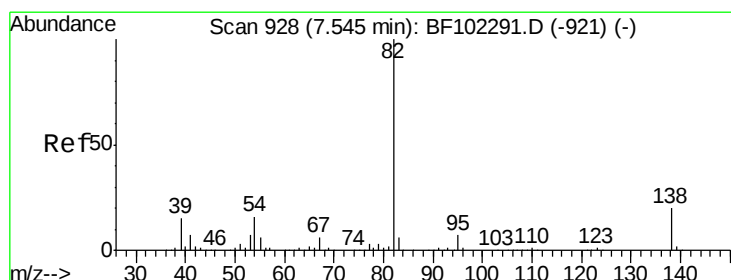
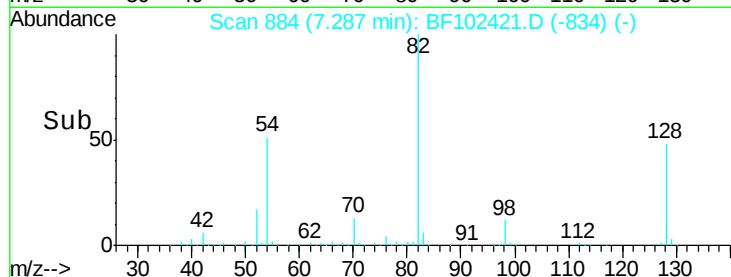
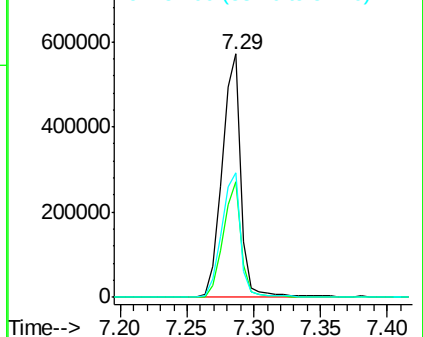
54 51.3 41.4 62.2



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: 36.555 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102421.D

Acq: 25 Jan 2018 12:58

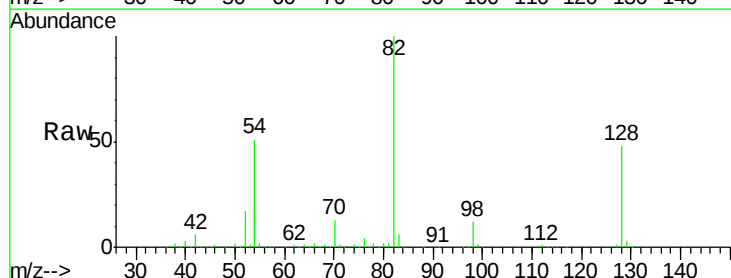
Tgt Ion: 82 Resp: 570260

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

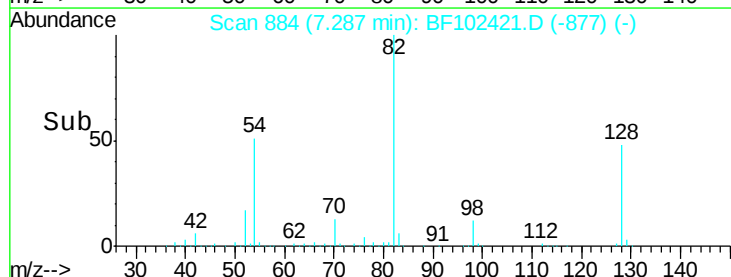
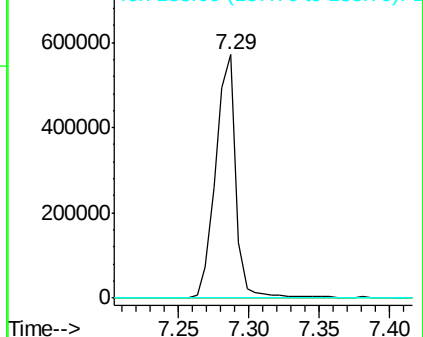
138 0.0 14.9 22.3#

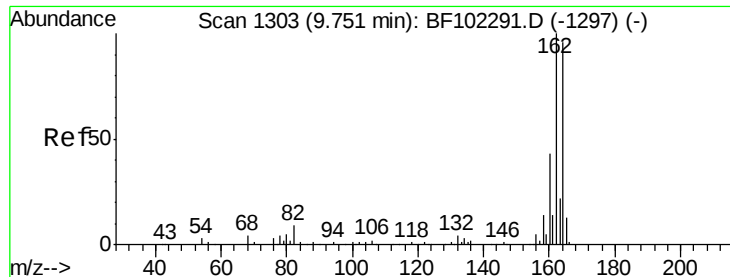


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF102421.D

Acq: 25 Jan 2018 12:58

Instrument :

BNA_F

ClientSampleId :

W12-1(0-2)

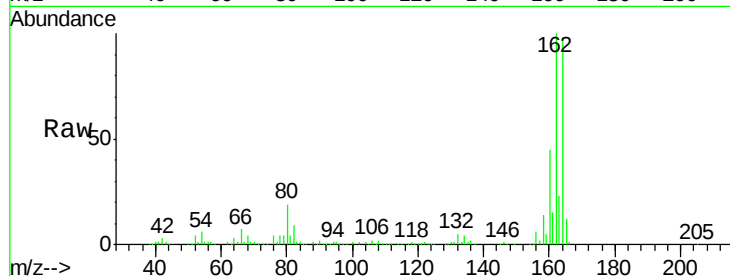
Tgt Ion:164 Resp: 190211

Ion Ratio Lower Upper

164 100

162 102.0 86.1 129.1

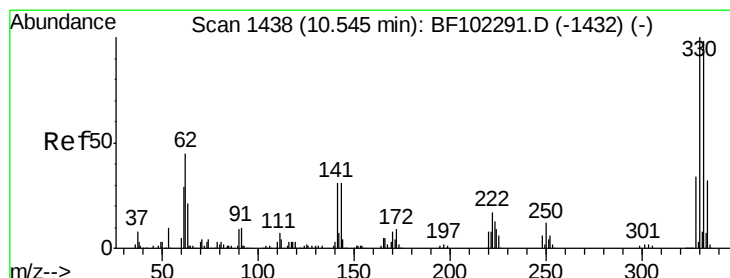
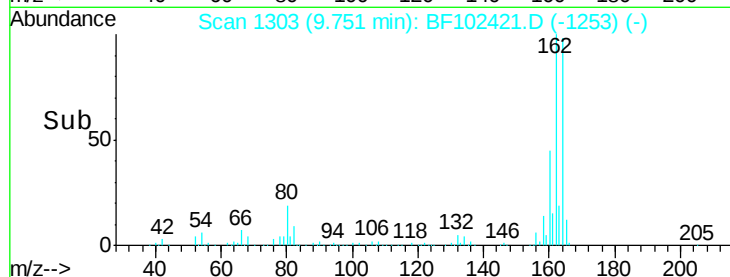
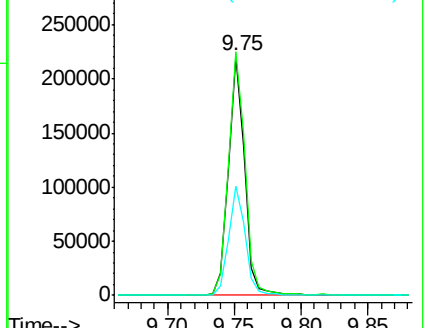
160 45.9 38.3 57.5



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: 64.200 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF102421.D

Acq: 25 Jan 2018 12:58

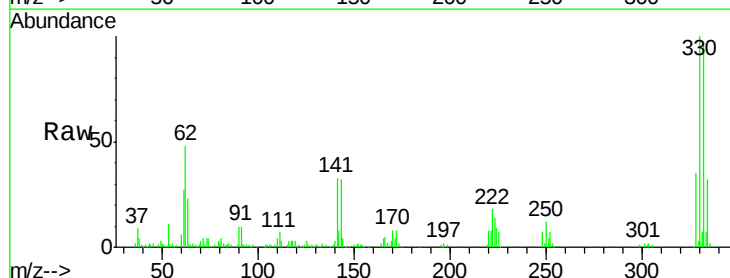
Tgt Ion:330 Resp: 120999

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

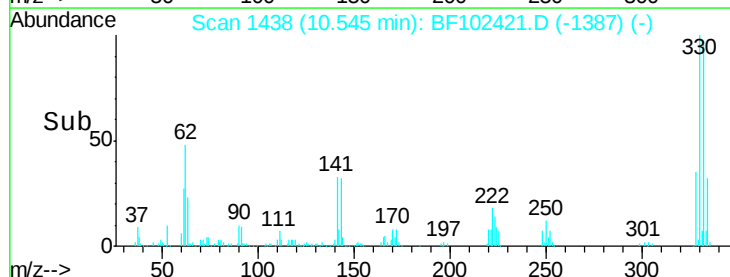
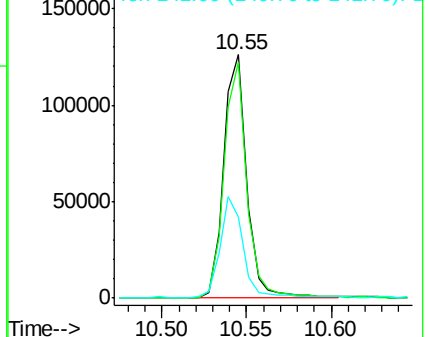
141 42.7 29.9 44.9

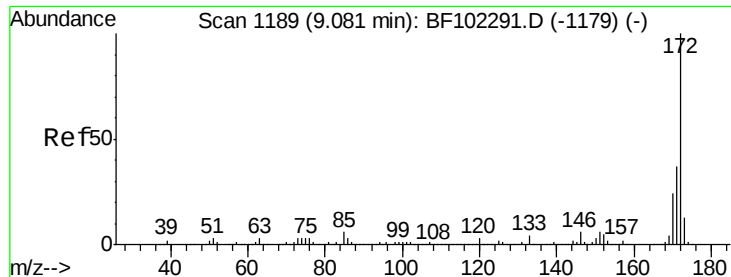


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

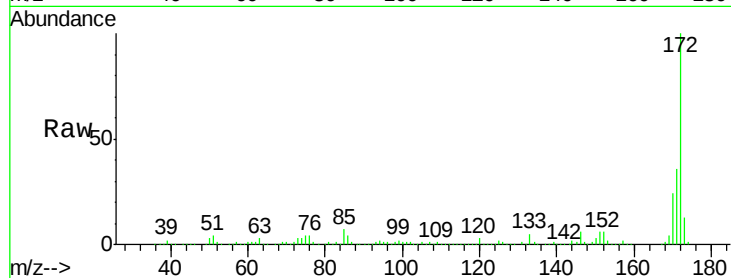




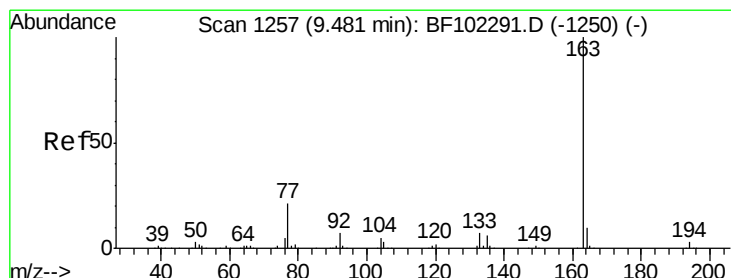
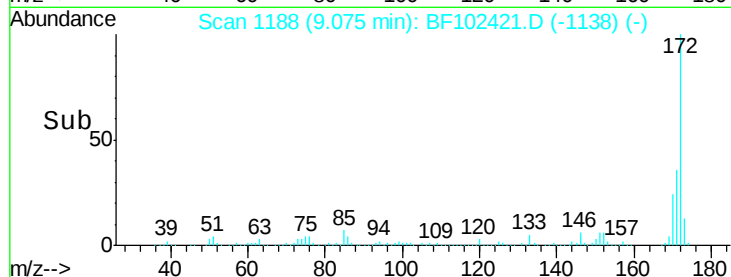
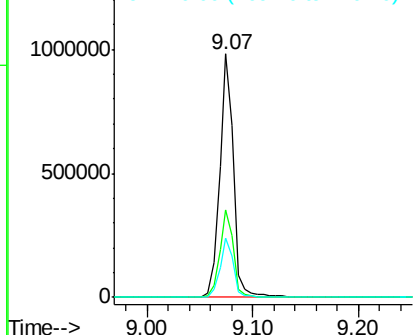
#44
 2-Fluorobiphenyl
 Concen: 70.202 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102421.D
 Acq: 25 Jan 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)

Tgt Ion:172 Resp: 908162
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.3 19.6 29.4

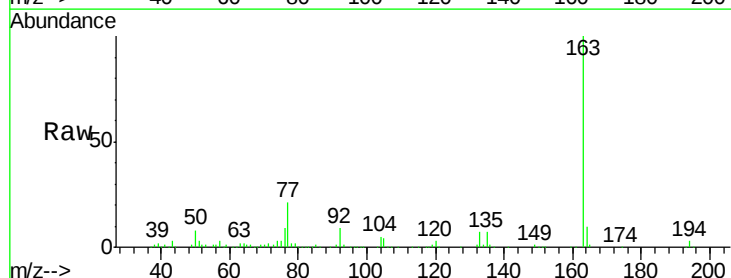


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

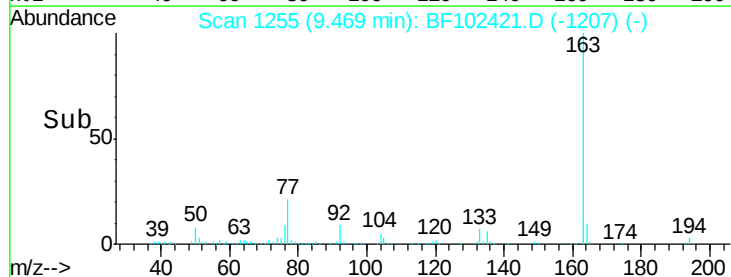
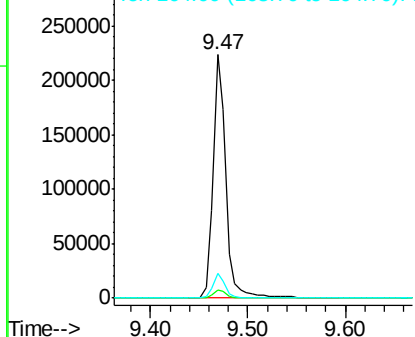


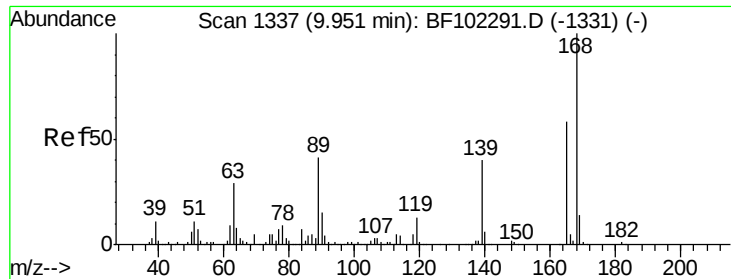
#49
 Dimethylphthalate
 Concen: 12.901 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.02 min
 Lab File: BF102421.D
 Acq: 25 Jan 2018 12:58

Tgt Ion:163 Resp: 202831
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.7 4.1
 164 10.3 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

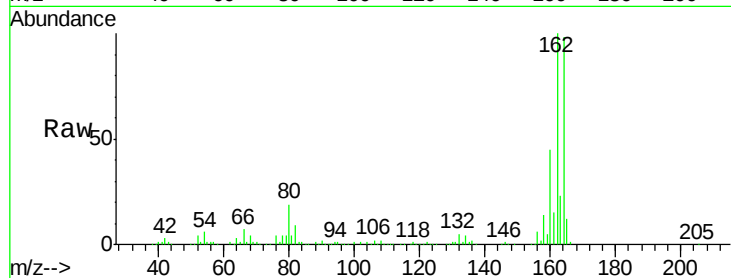




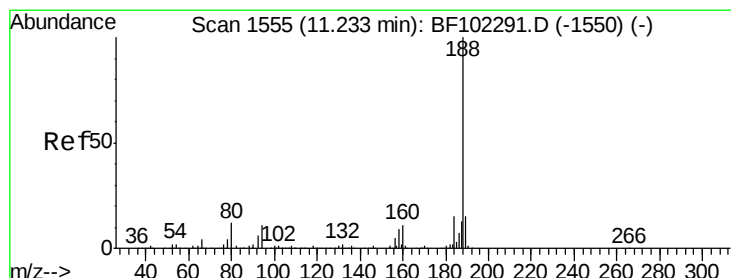
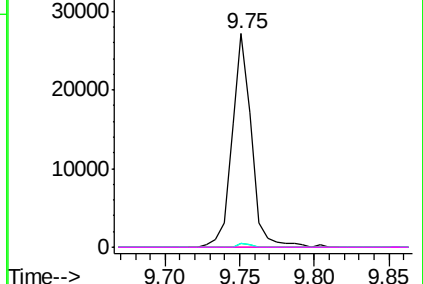
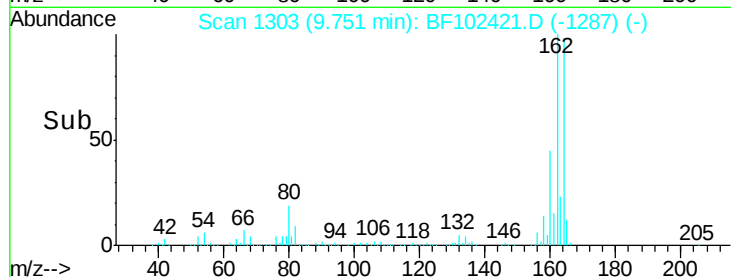
#56
 2,4-Dinitrotoluene
 Concen: 6.006 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102421.D
 Acq: 25 Jan 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)

Tgt Ion:	165	Resp:	25036
Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

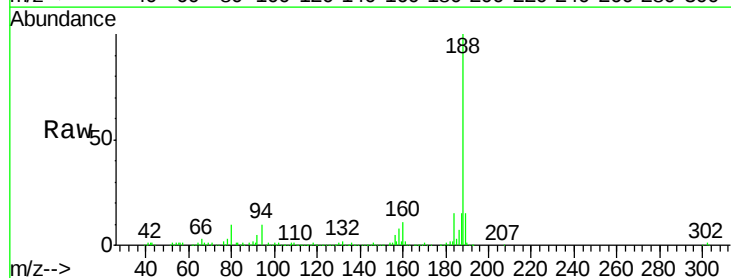


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

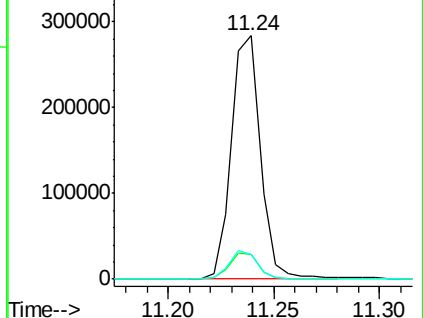
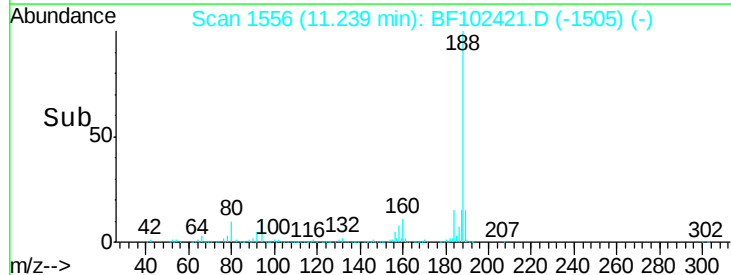


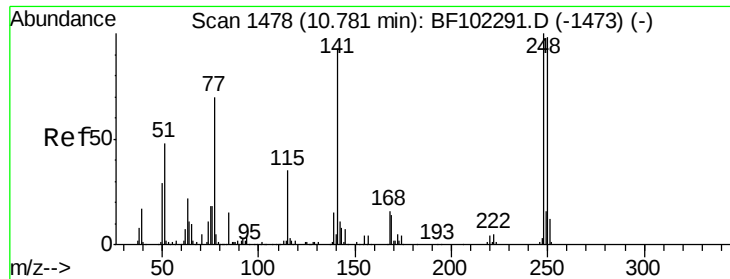
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF102421.D
 Acq: 25 Jan 2018 12:58

Tgt Ion:	188	Resp:	270066
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.0	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

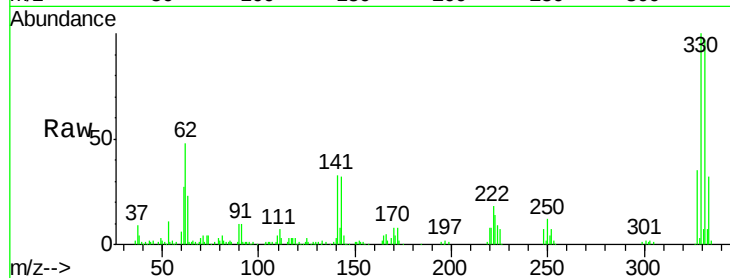




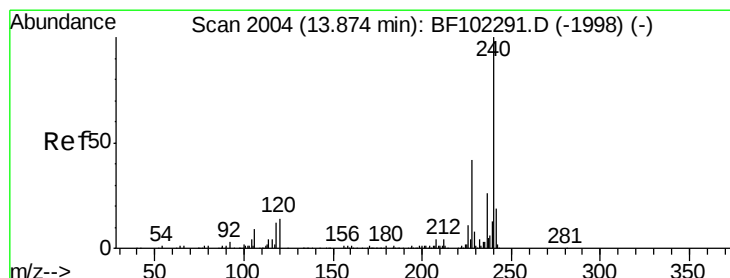
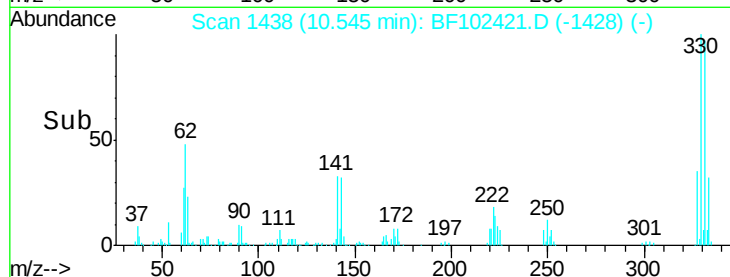
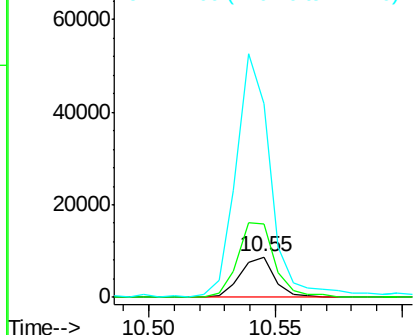
#66
 4-Bromophenyl-phenylether
 Concen: 2.836 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF102421.D
 Acq: 25 Jan 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)

Tgt Ion:248 Resp: 8244
 Ion Ratio Lower Upper
 248 100
 250 181.3 76.9 115.3#
 141 484.3 74.4 111.6#

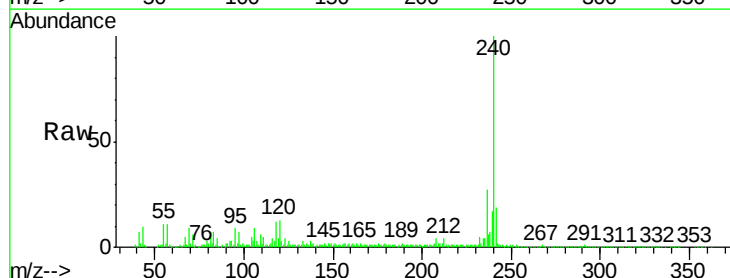


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

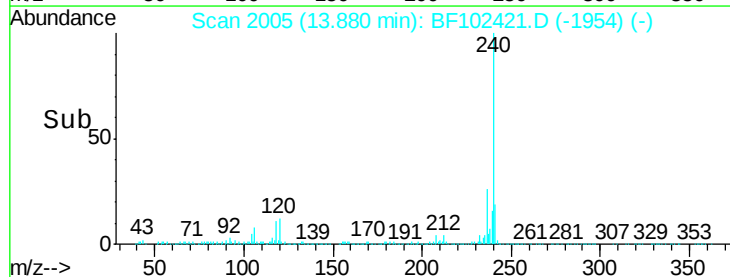
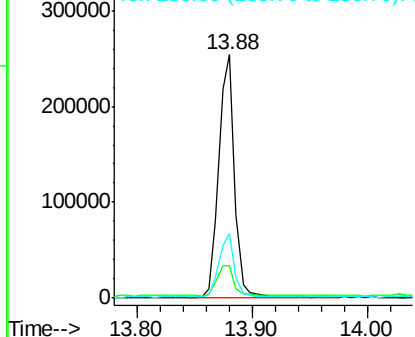


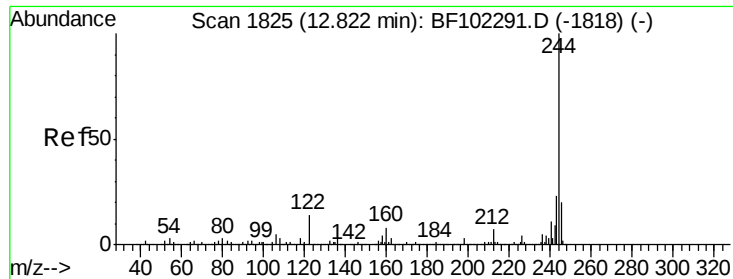
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.00 min
 Lab File: BF102421.D
 Acq: 25 Jan 2018 12:58

Tgt Ion:240 Resp: 238702
 Ion Ratio Lower Upper
 240 100
 120 13.1 9.5 14.3
 236 26.5 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

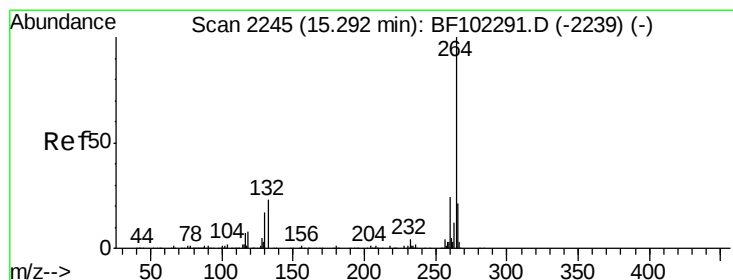
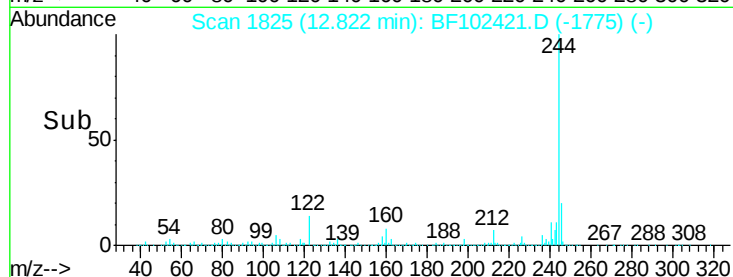
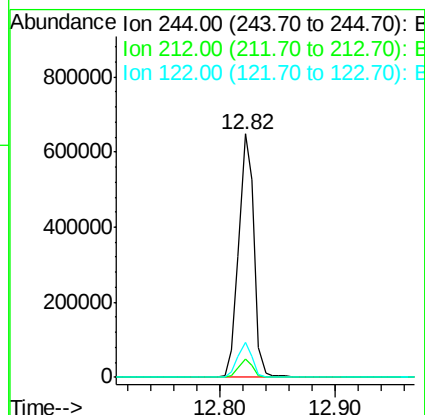
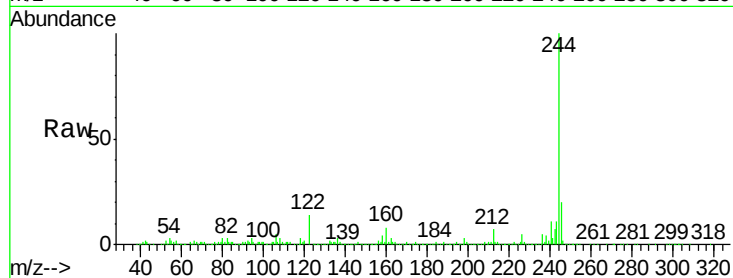




#78
 Terphenyl-d14
 Concen: 56.231 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF102421.D
 Acq: 25 Jan 2018 12:58

Instrument :
 BNA_F
 ClientSampleId :
 W12-1(0-2)

Tgt Ion:244 Resp: 595395
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 14.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. 0.01 min
 Lab File: BF102421.D
 Acq: 25 Jan 2018 12:58

Tgt Ion:264 Resp: 218543
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 22.9 17.5 26.3

