

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
 Data File : BF102131.D
 Acq On : 17 Jan 2018 1:03
 Operator : SJ/JU
 Sample : J1122-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 17 02:30:21 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

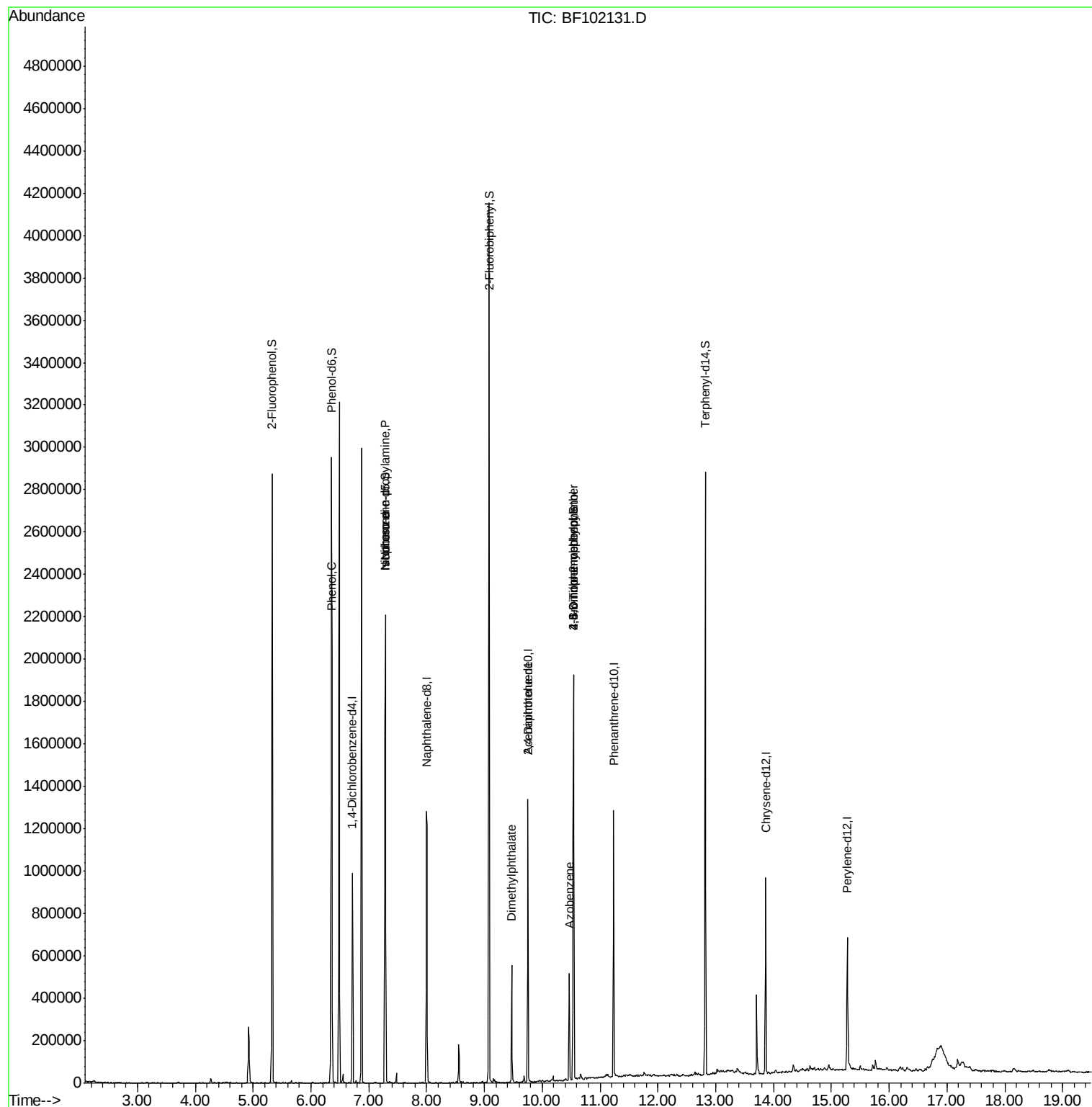
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	146657	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	583779	20.00	ng	-0.01
38) Acenaphthene-d10	9.75	164	249580	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	400517	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	284596	20.00	ng	-0.02
86) Perylene-d12	15.28	264	264987	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	916370	88.23	ng	0.00
7) Phenol-d6	6.36	99	1120245	90.40	ng	0.00
23) Nitrobenzene-d5	7.29	82	698538	70.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	201504	92.52	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1251571	78.34	ng	-0.01
78) Terphenyl-d14	12.82	244	924301	67.43	ng	-0.01
Target Compounds						
10) Phenol	6.37	94	54355	3.881	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	93946	11.569	ng	# 81
25) Isophorone	7.29	82	698532	35.586	ng	# 64
49) Dimethylphthalate	9.47	163	228958	11.436	ng	99
56) 2,4-Dinitrotoluene	9.75	165	32139	6.412	ng	# 23
62) Azobenzene	10.47	77	84636	4.271	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.54	198	446	5.843	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	13584	3.212	ng	# 1

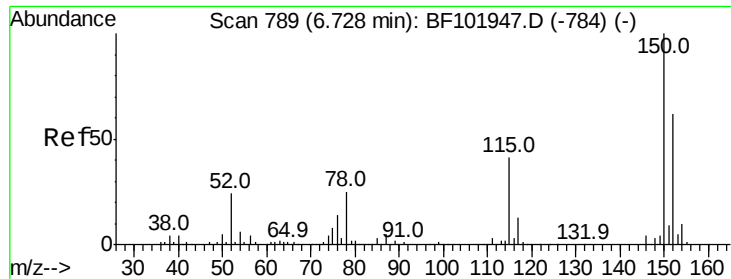
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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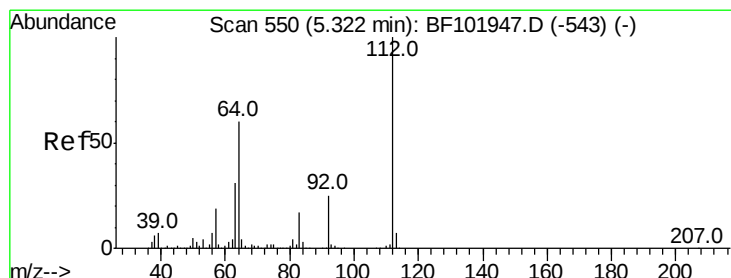
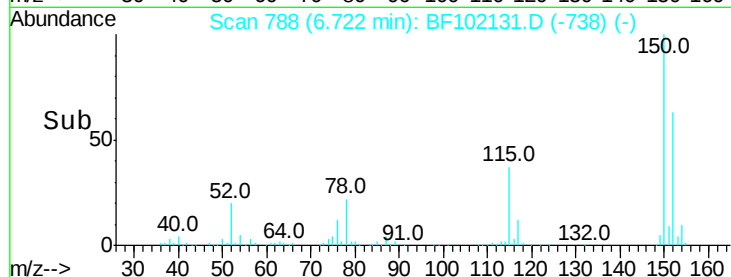
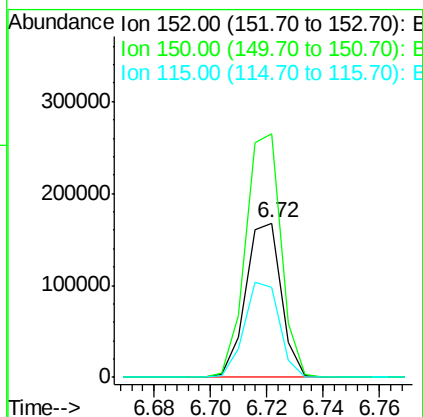
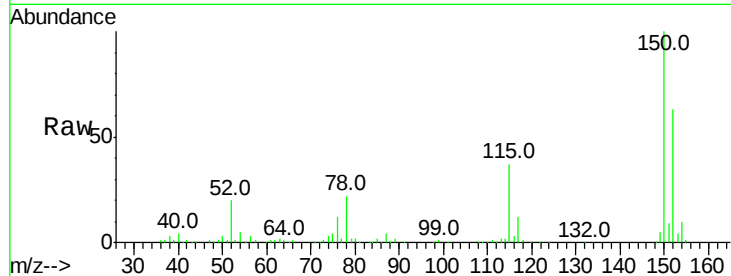


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102131.D
Acq: 17 Jan 2018 1:03

Instrument :
BNA_F
ClientSampleId :

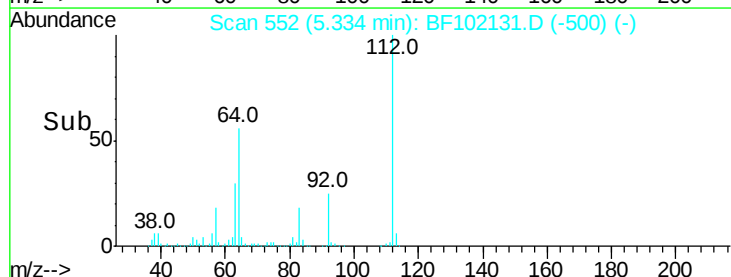
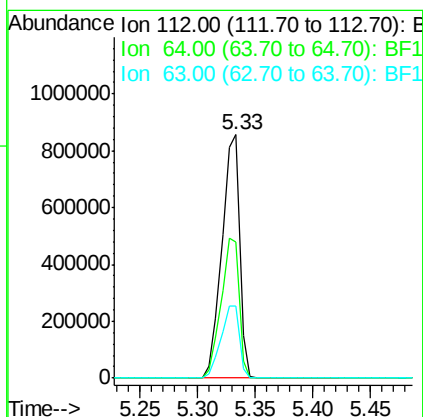
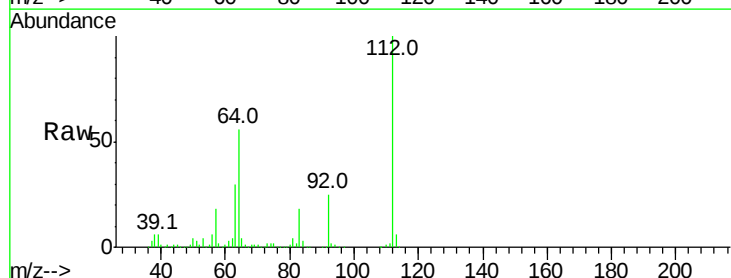
Tot Ion:152 Resp: 146657
Ion Ratio Lower Upper
152 100
150 157.9 124.6 186.8
115 58.1 50.1 75.1



#5

2-Fluorophenol
Concen: 88.232 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102131.D
Acq: 17 Jan 2018 1:03

Tgt Ion:112 Resp: 916370
Ion Ratio Lower Upper
112 100
64 55.9 47.9 71.9
63 29.8 23.7 35.5





#7

Phenol-d6

Concen: 90.405 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102131.D

Acq: 17 Jan 2018 1:03

Instrument :

BNA_F

ClientSampleId :

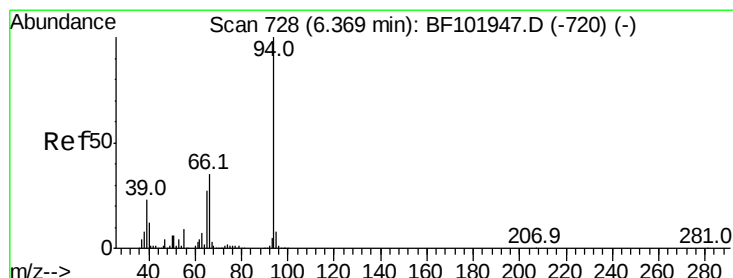
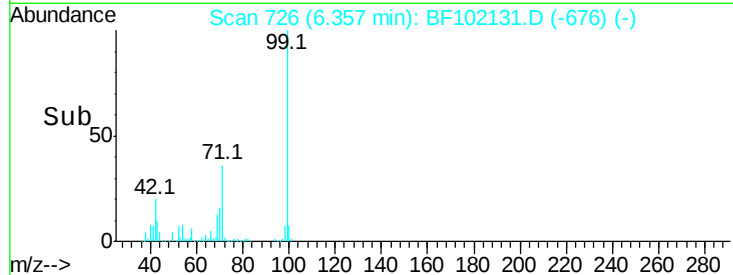
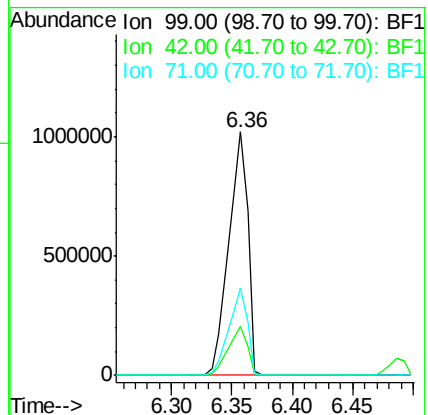
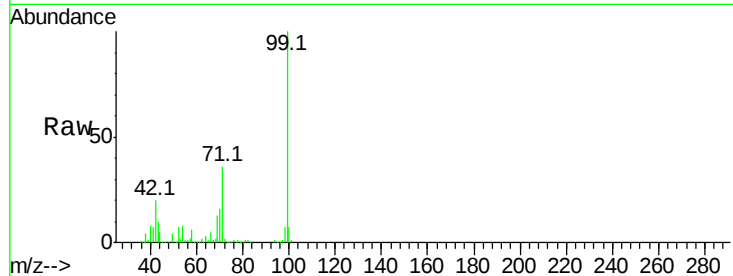
Tot Ion: 99 Resp: 1120245

Ion Ratio Lower Upper

99 100

42 20.3 14.5 21.7

71 35.7 25.4 38.0



#10

Phenol

Concen: 3.881 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102131.D

Acq: 17 Jan 2018 1:03

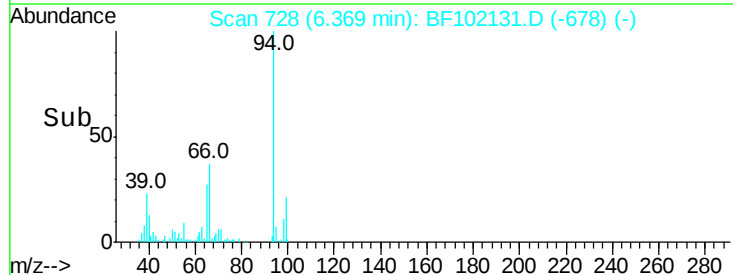
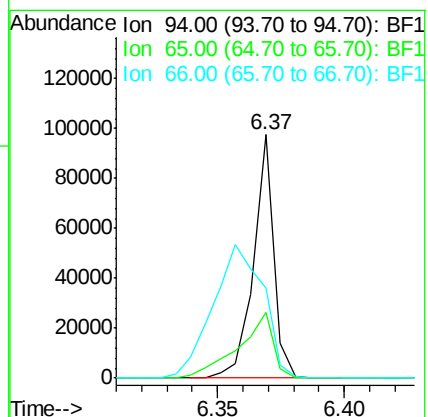
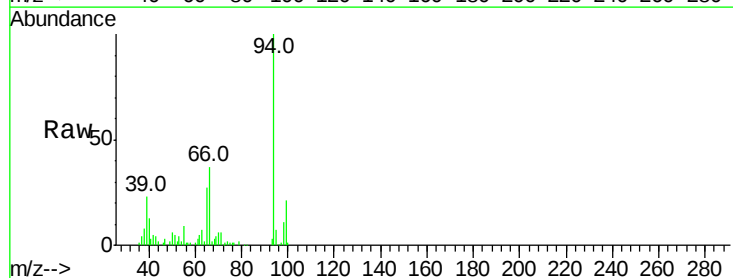
Tgt Ion: 94 Resp: 54355

Ion Ratio Lower Upper

94 100

65 27.1 7.9 47.9

66 37.1 16.2 56.2





#19

n-Nitroso-di-n-propylamine

Concen: 11.569 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102131.D

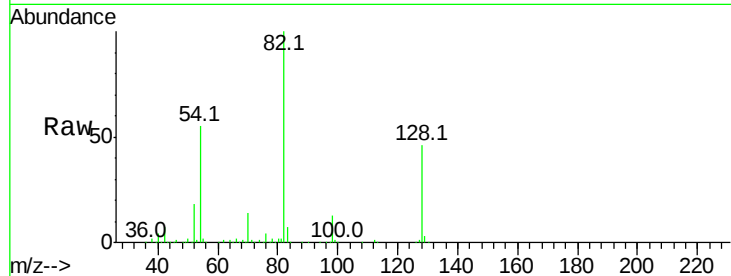
Acq: 17 Jan 2018 1:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	93946
Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



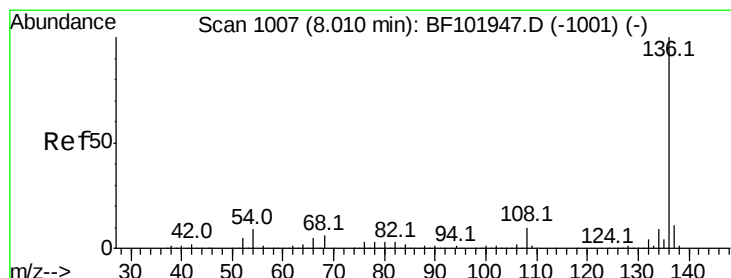
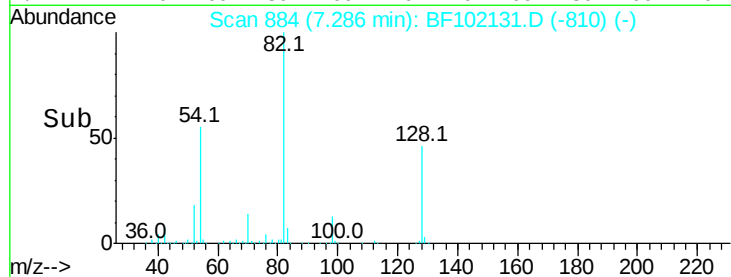
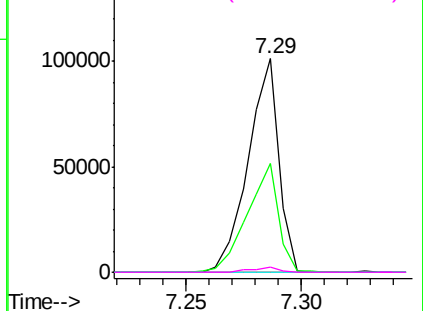
Abundance

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

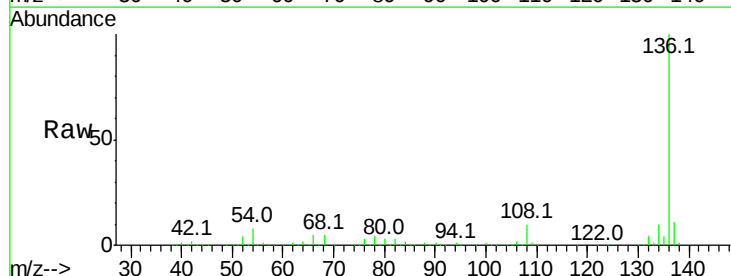
RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF102131.D

Acq: 17 Jan 2018 1:03

Tgt Ion:	136	Resp:	583779
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.3	6.6	9.8
68	5.1	5.0	7.4



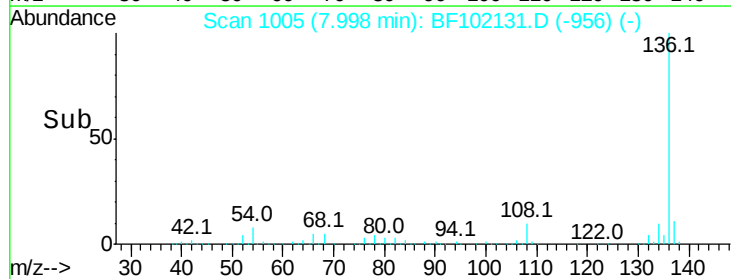
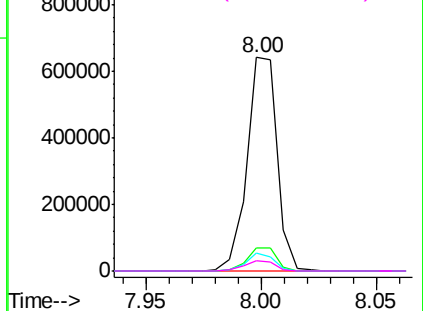
Abundance

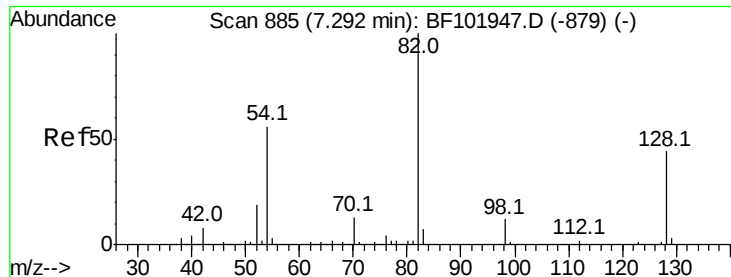
Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 70.316 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102131.D

Acq: 17 Jan 2018 1:03

Instrument :

BNA_F

ClientSampleId :

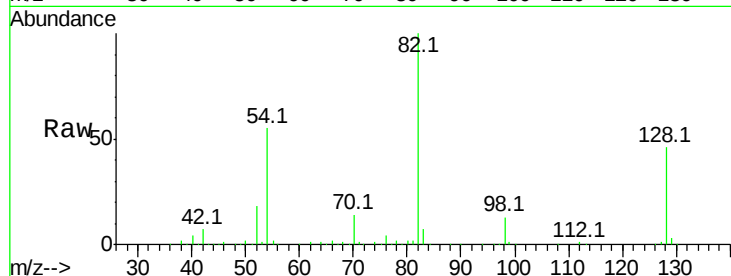
Tot Ion: 82 Resp: 698538

Ion Ratio Lower Upper

82 100

128 45.5 36.1 54.1

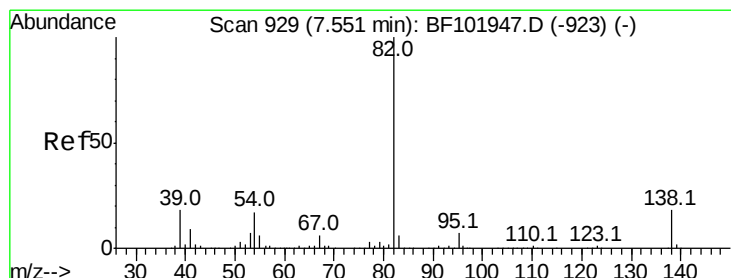
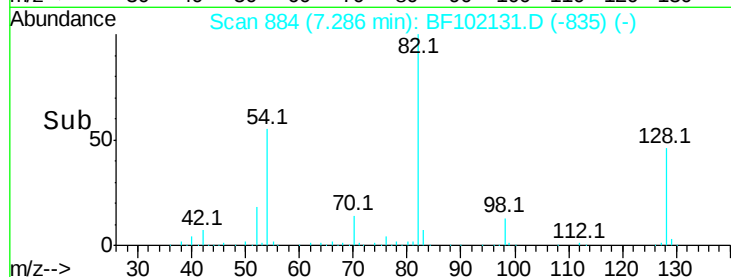
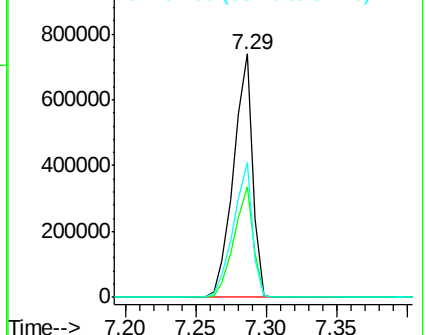
54 55.2 41.4 62.2



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: 35.586 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102131.D

Acq: 17 Jan 2018 1:03

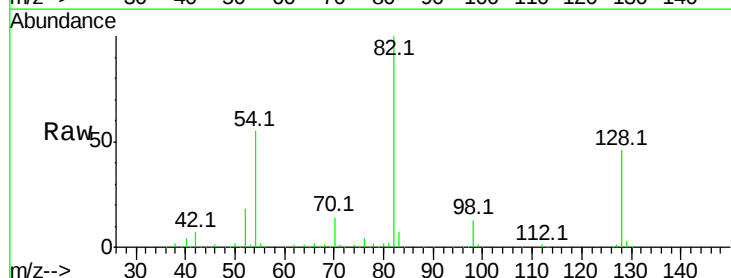
Tgt Ion: 82 Resp: 698532

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

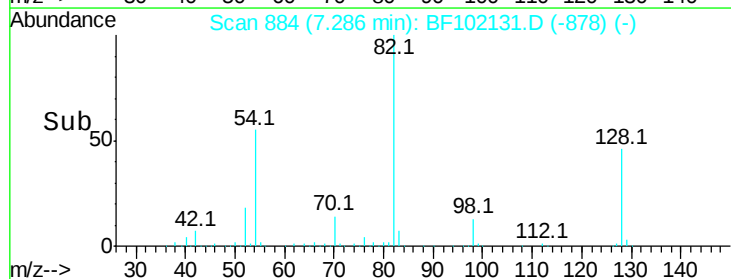
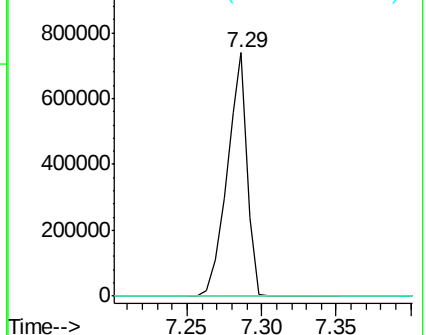
138 0.0 14.9 22.3#

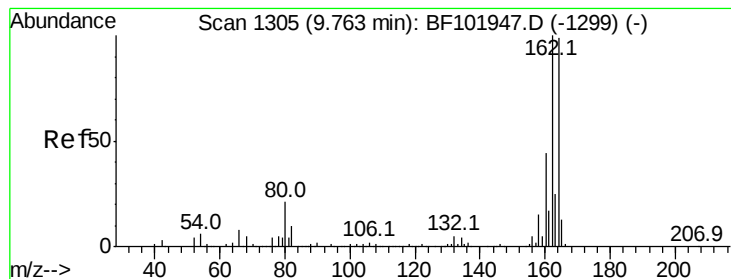


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF102131.D

Acq: 17 Jan 2018 1:03

Instrument :

BNA_F

ClientSampleId :

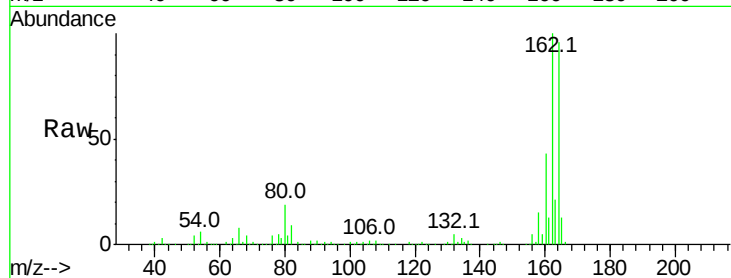
Tot Ion:164 Resp: 249580

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

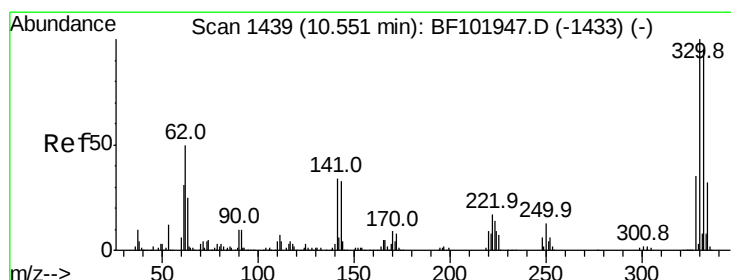
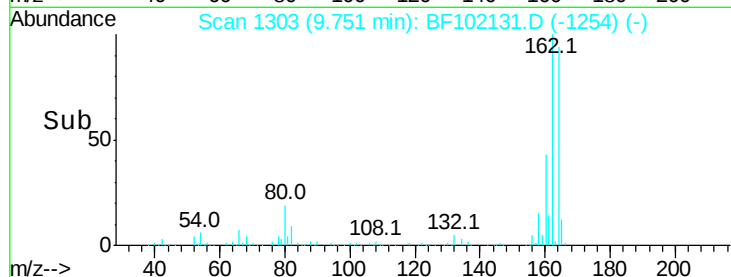
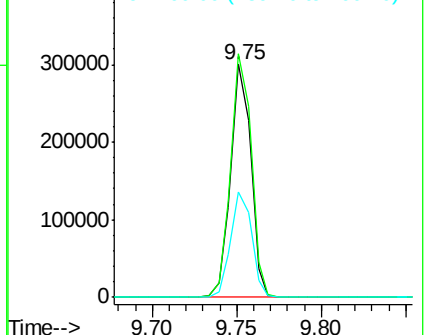
160 45.2 38.3 57.5



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: 92.516 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102131.D

Acq: 17 Jan 2018 1:03

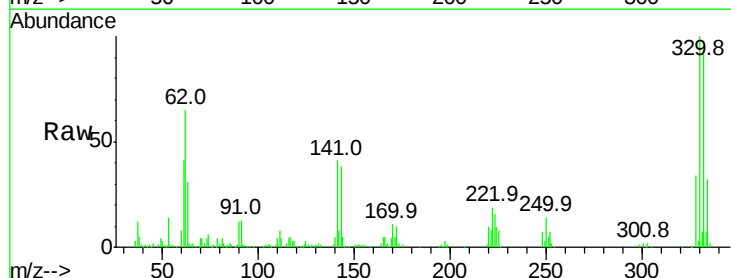
Tgt Ion:330 Resp: 201504

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

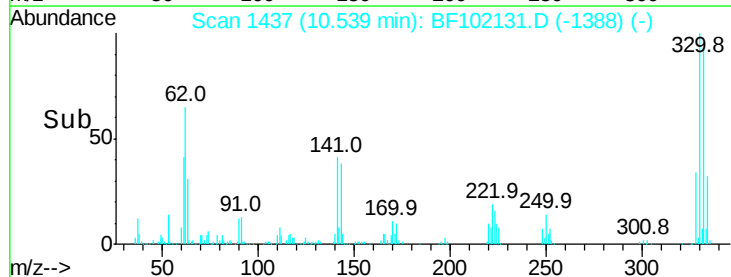
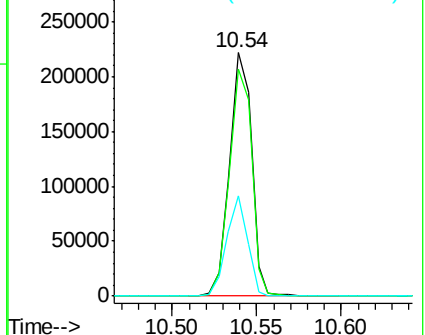
141 39.4 29.9 44.9



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

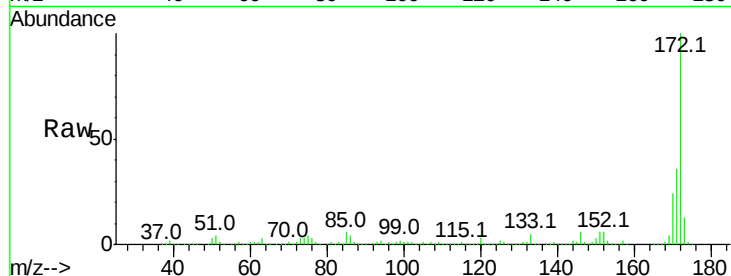




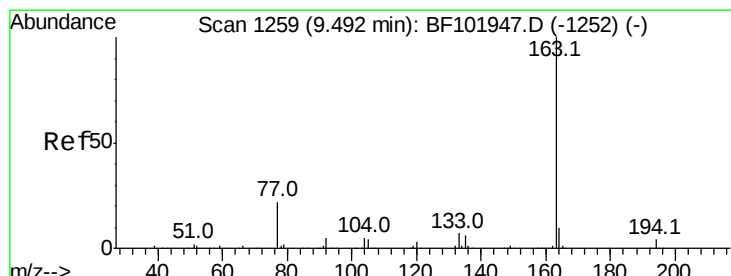
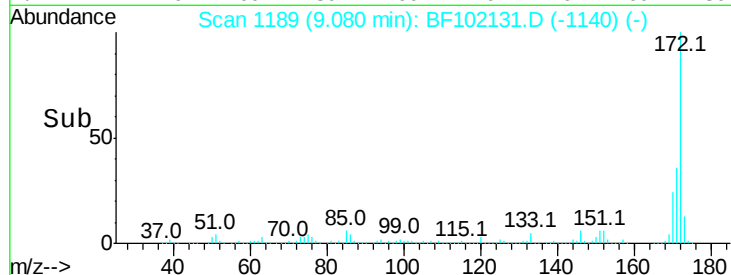
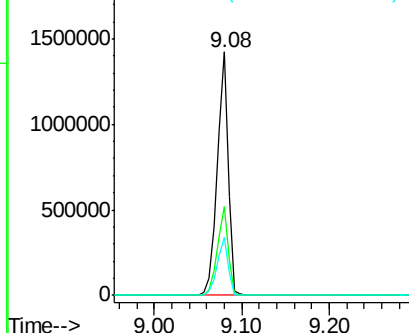
#44
2-Fluorobiphenyl
Concen: 78.343 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102131.D
Acq: 17 Jan 2018 1:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1251571
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 23.7 19.6 29.4

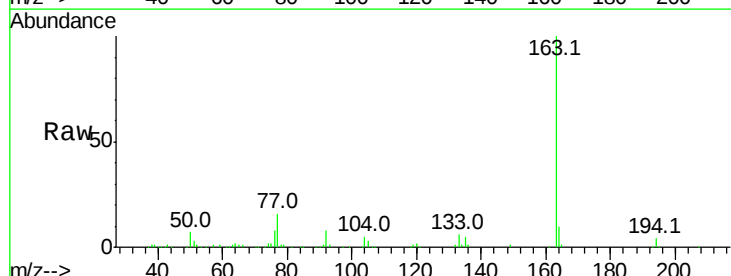


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

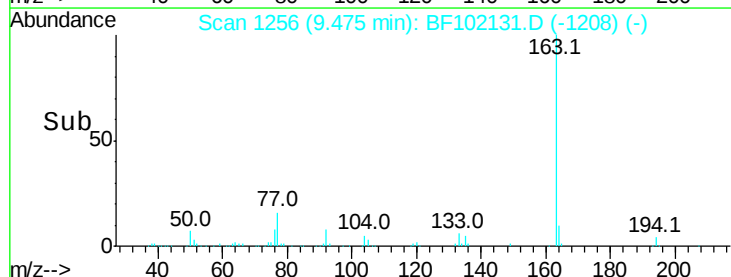
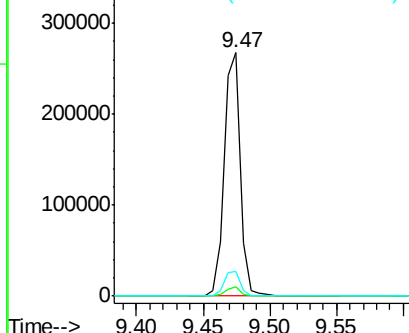


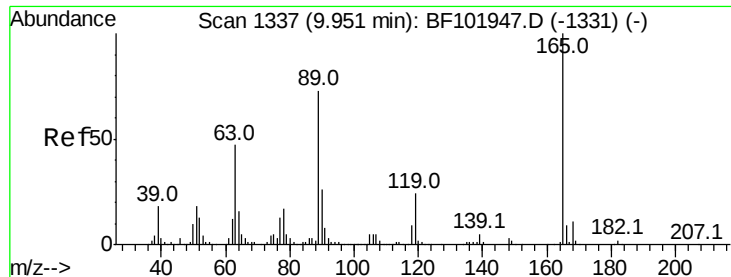
#49
Dimethylphthalate
Concen: 11.436 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102131.D
Acq: 17 Jan 2018 1:03

Tgt Ion:163 Resp: 228958
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.0 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

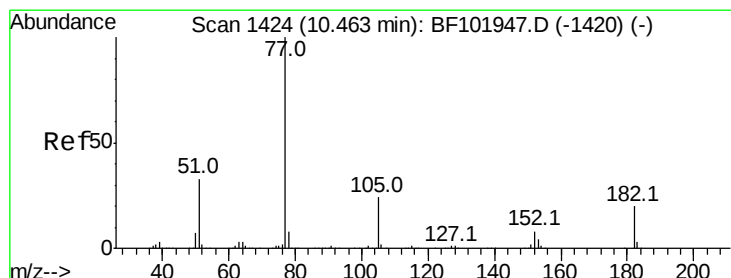
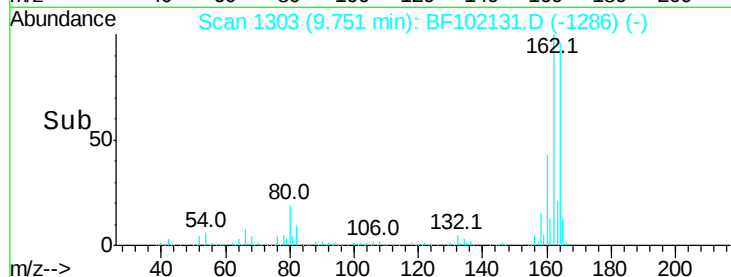
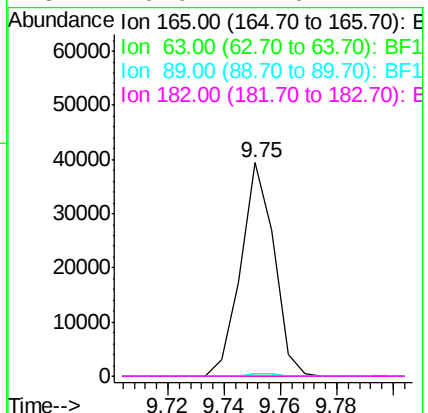
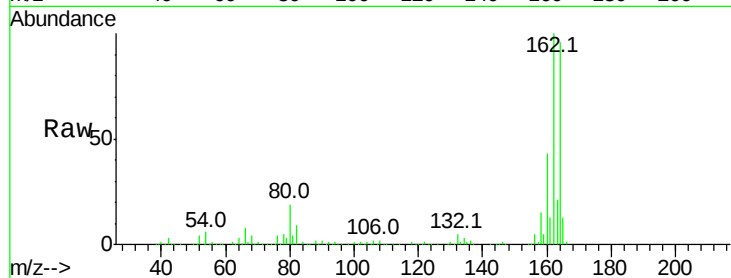




#56
2,4-Dinitrotoluene
Concen: 6.412 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.20 min
Lab File: BF102131.D
Acq: 17 Jan 2018 1:03

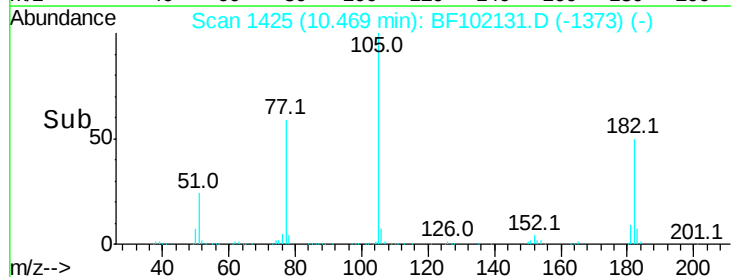
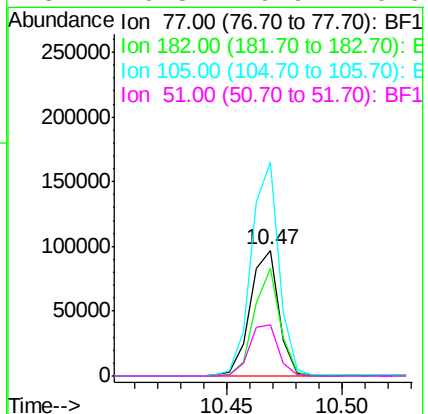
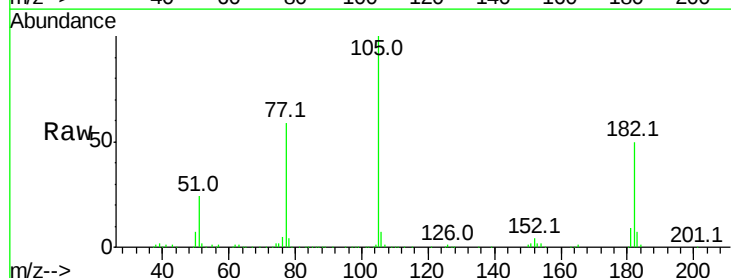
Instrument :
BNA_F
ClientSampleId :

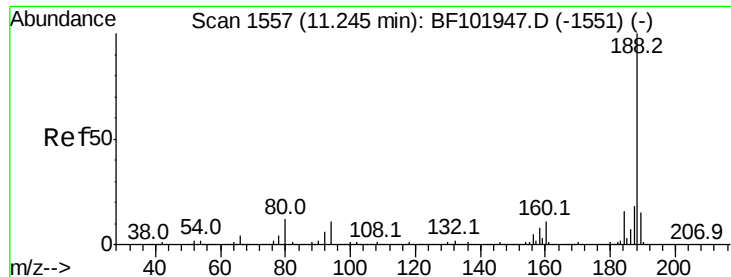
Tot Ion:165 Resp: 32139
Ion Ratio Lower Upper
165 100
63 1.1 36.4 54.6#
89 1.1 57.8 86.6#
182 0.0 1.6 2.4#



#62
Azobenzene
Concen: 4.271 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF102131.D
Acq: 17 Jan 2018 1:03

Tgt Ion: 77 Resp: 84636
Ion Ratio Lower Upper
77 100
182 85.3 1.7 41.7#
105 169.7 3.0 43.0#
51 40.3 9.9 49.9

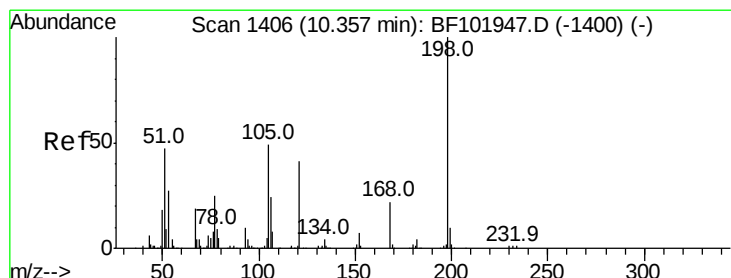
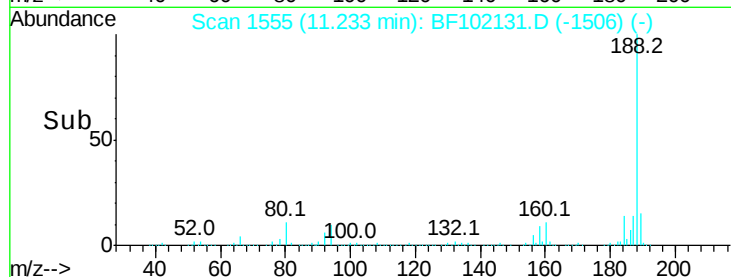
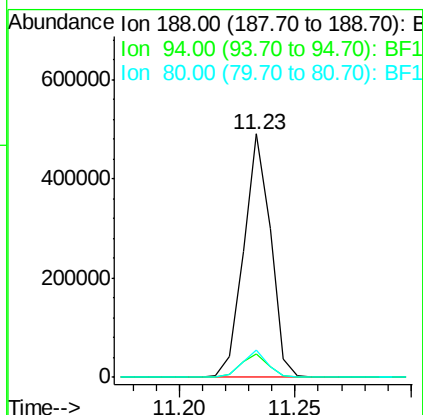
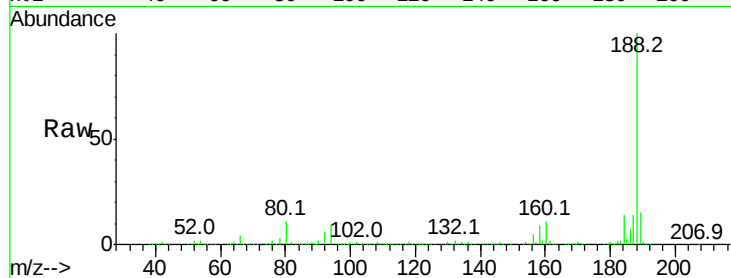




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102131.D
 Acq: 17 Jan 2018 1:03

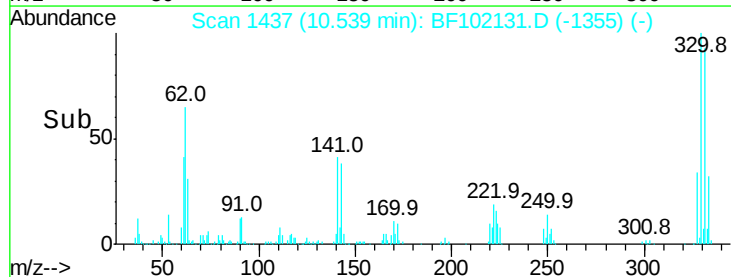
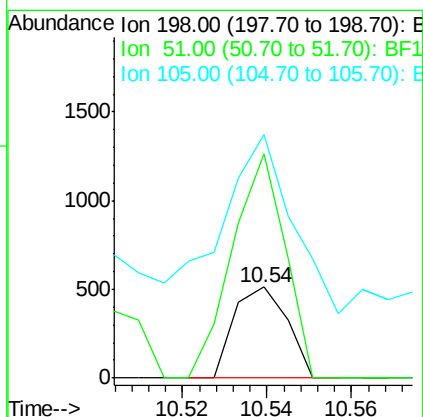
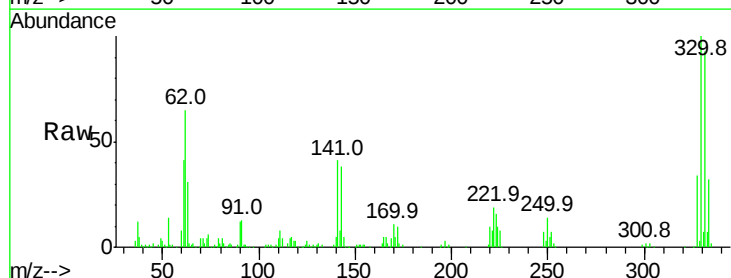
Instrument :
 BNA_F
 ClientSampleId :

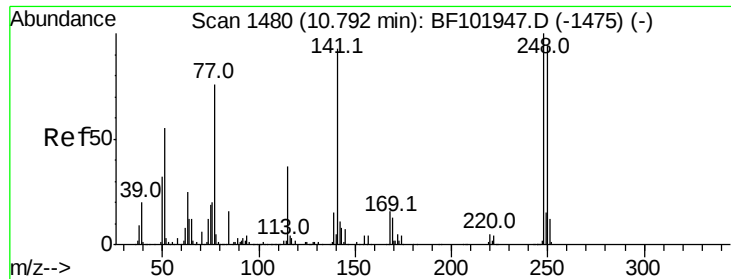
Tot Ion:188 Resp: 400517
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 11.1 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.843 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF102131.D
 Acq: 17 Jan 2018 1:03

Tgt Ion:198 Resp: 446
 Ion Ratio Lower Upper
 198 100
 51 246.3 37.7 77.7#
 105 266.9 36.3 76.3#

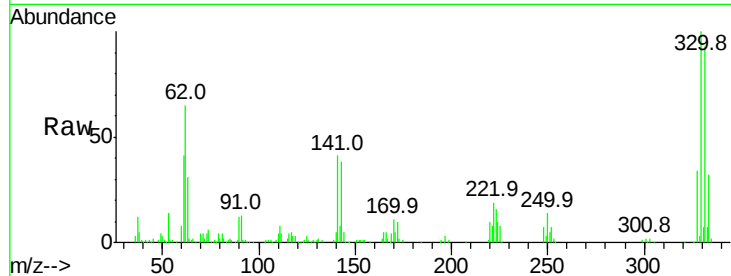




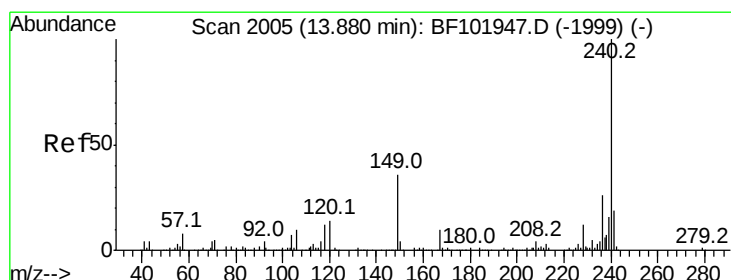
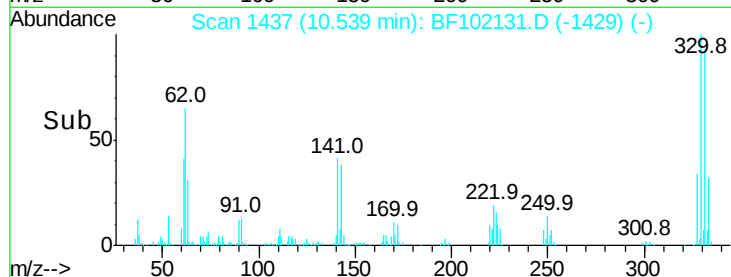
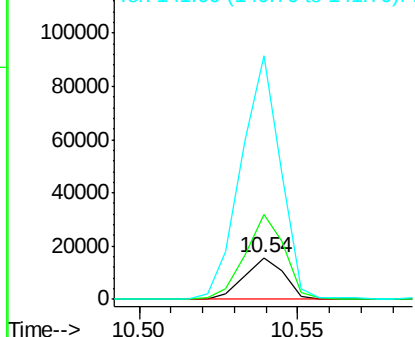
#66
 4-Bromophenyl-phenylether
 Concen: 3.212 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF102131.D
 Acq: 17 Jan 2018 1:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 13584
 Ion Ratio Lower Upper
 248 100
 250 203.7 76.9 115.3#
 141 585.0 74.4 111.6#

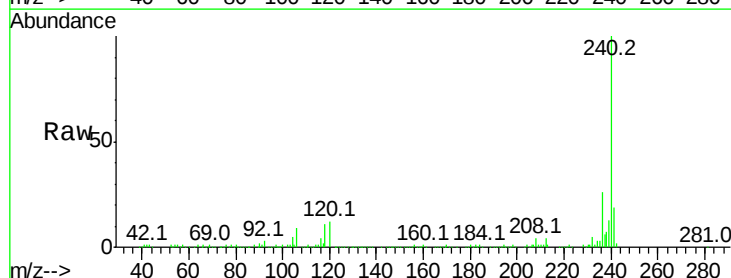


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

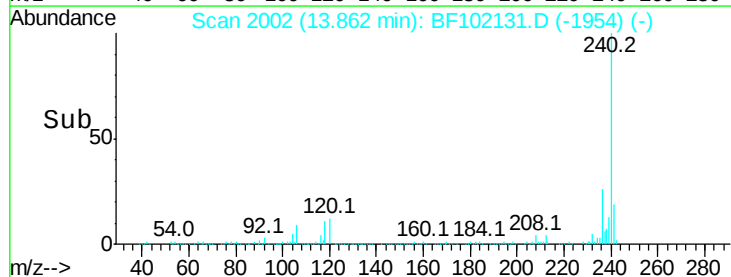
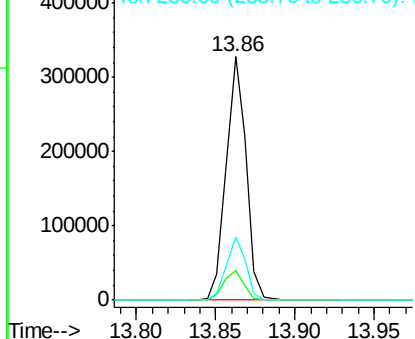


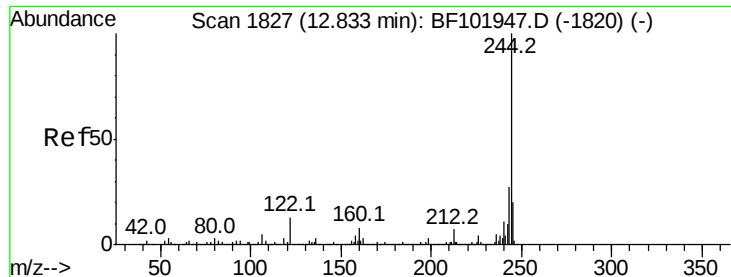
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.02 min
 Lab File: BF102131.D
 Acq: 17 Jan 2018 1:03

Tgt Ion:240 Resp: 284596
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.5 14.3
 236 25.8 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: 67.432 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102131.D

Acq: 17 Jan 2018 1:03

Instrument :

BNA_F

ClientSampleId :

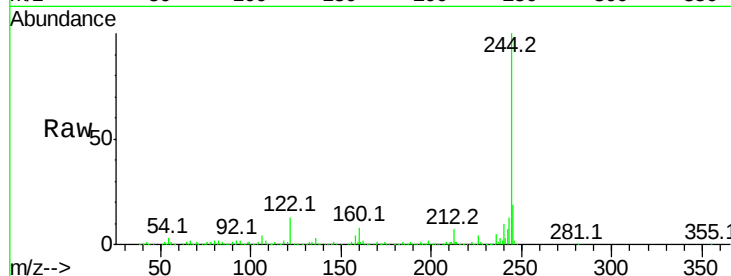
Tot Ion:244 Resp: 924301

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

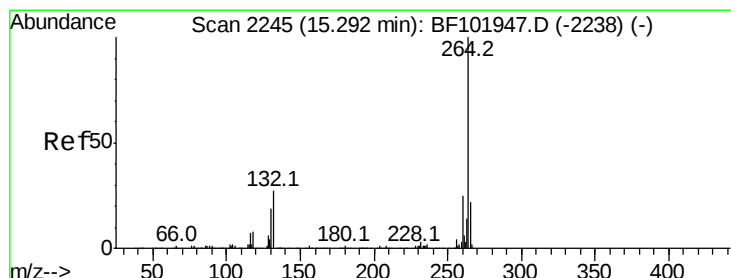
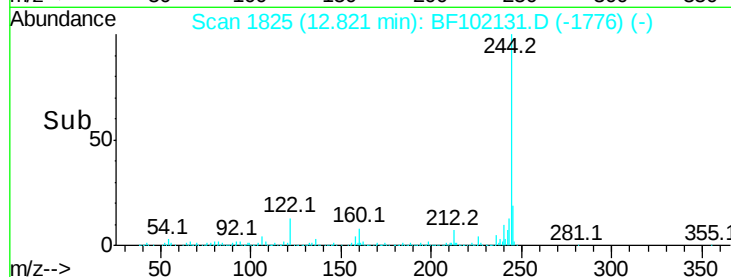
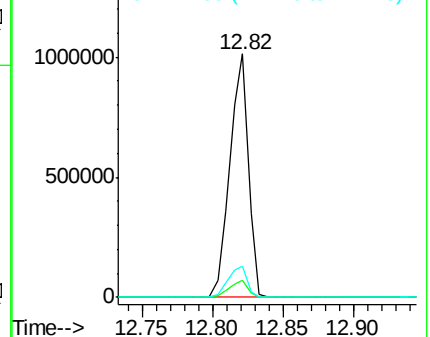
122 12.5 11.0 16.4



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: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102131.D

Acq: 17 Jan 2018 1:03

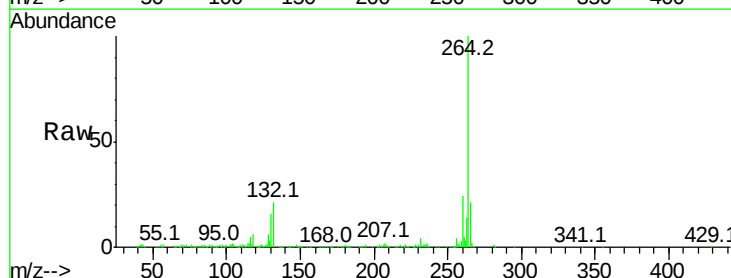
Tgt Ion:264 Resp: 264987

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.5 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

