

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102072.D
 Acq On : 15 Jan 2018 19:34
 Operator : SJ/JU
 Sample : J1019-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 23:44:28 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	230773	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	891632	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	347281	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	488703	20.00	ng	0.00
75) Chrysene-d12	13.87	240	402154	20.00	ng	-0.01
86) Perylene-d12	15.29	264	355738	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1579526	96.65	ng	0.01
7) Phenol-d6	6.36	99	1861685	95.48	ng	0.00
23) Nitrobenzene-d5	7.29	82	1179699	77.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	288629	95.24	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1625777	73.14	ng	-0.01
78) Terphenyl-d14	12.83	244	1055909	54.52	ng	0.00

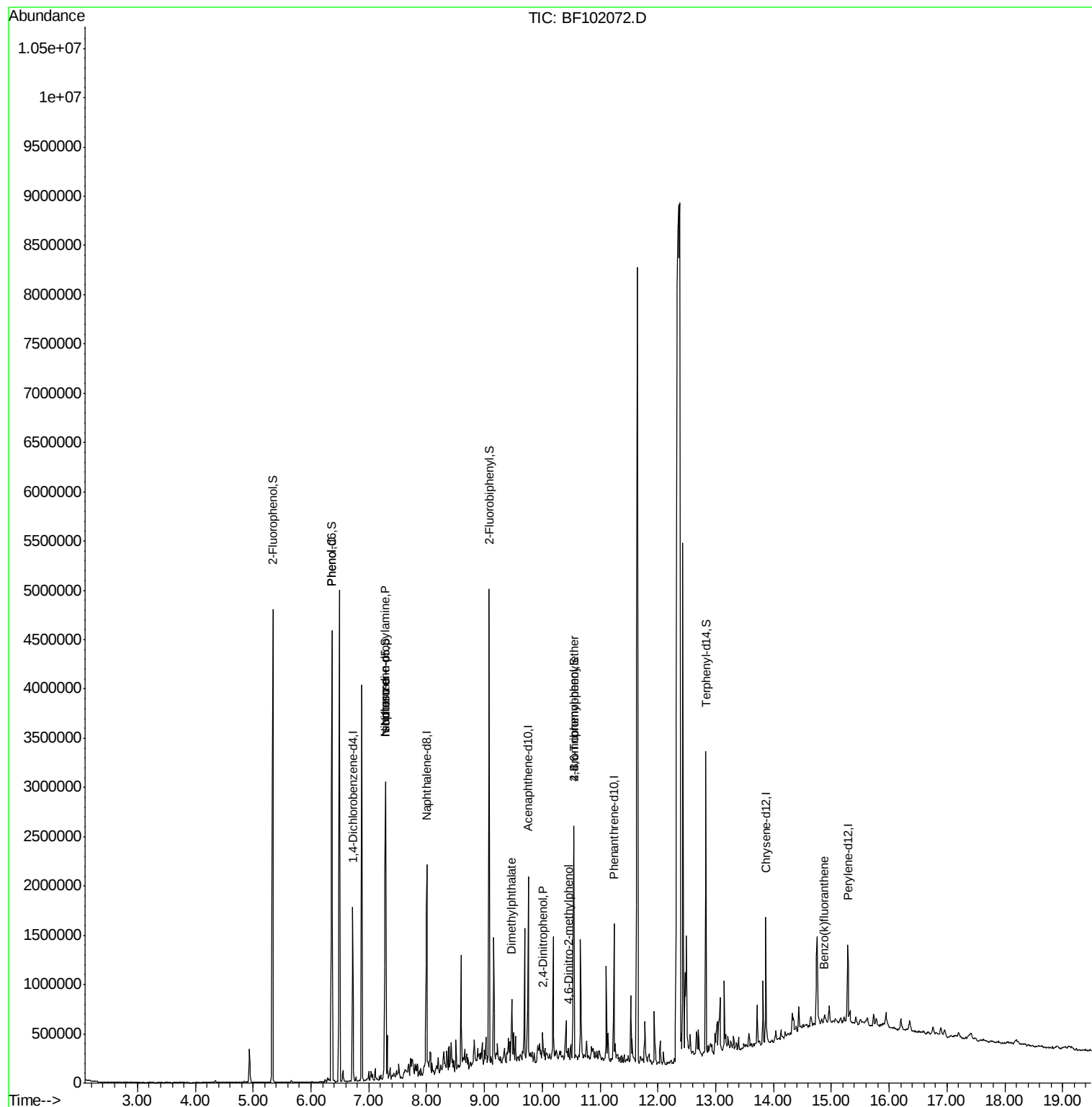
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	55440	2.516	ng	# 61
19) n-Nitroso-di-n-propylamine	7.29	70	162732	12.735	ng	# 82
25) Isophorone	7.29	82	1174158	39.164	ng	# 64
49) Dimethylphthalate	9.47	163	130368	4.680	ng	# 99
53) 2,4-Dinitrophenol	10.01	184	126	8.711	ng	# 67
64) 4,6-Dinitro-2-methylphenol	10.46	198	115	5.700	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	18928	3.668	ng	# 1
88) Benzo(k)fluoranthene	14.88	252	45442	2.031	ng	# 79

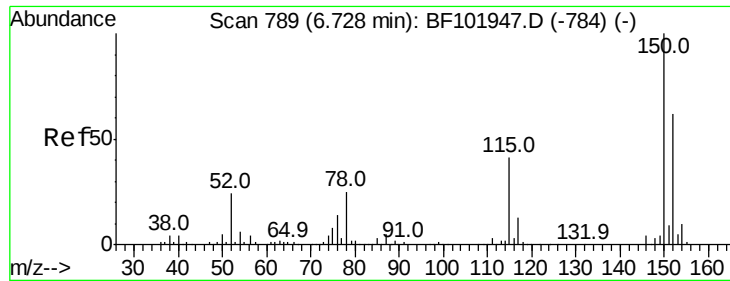
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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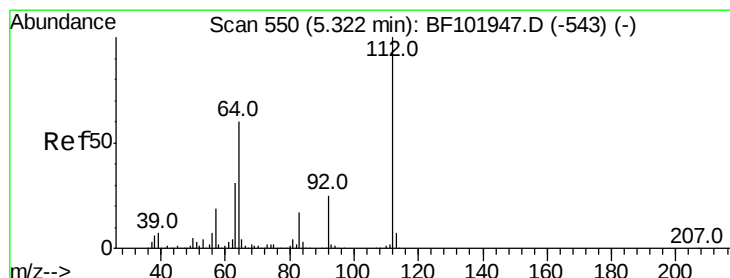
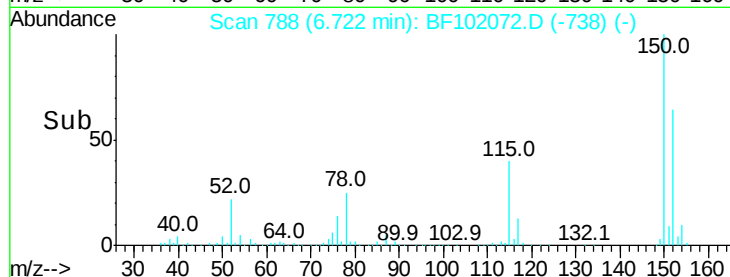
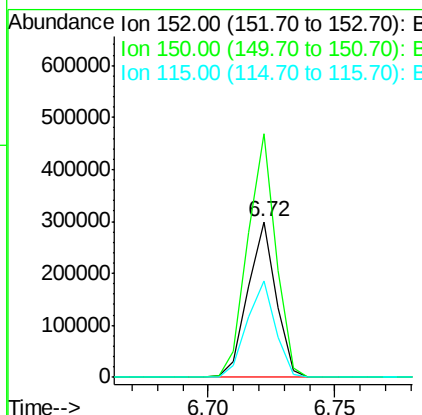
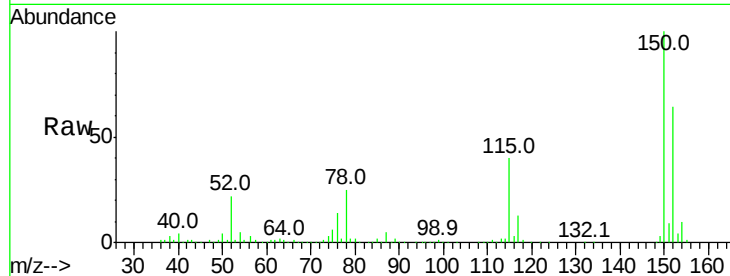


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF102072.D
Acq: 15 Jan 2018 19:34

Instrument :
BNA_F
ClientSampleId :

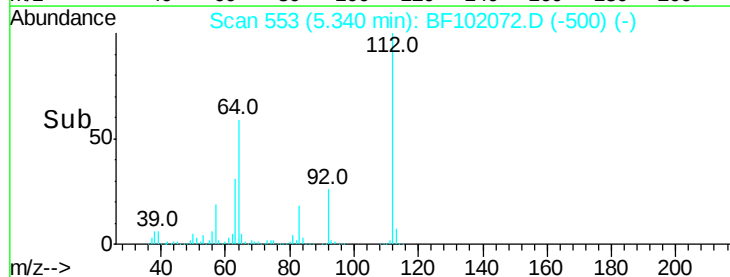
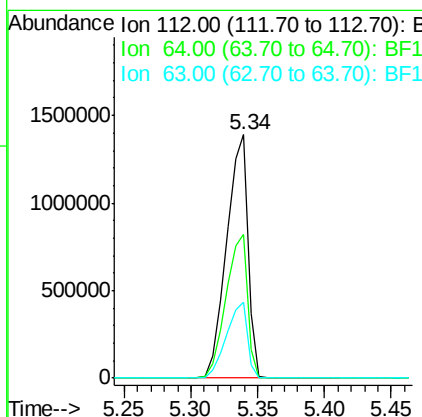
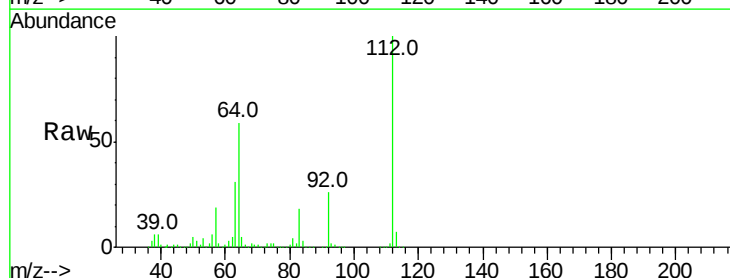
Tot Ion:152 Resp: 230773
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 62.0 50.1 75.1

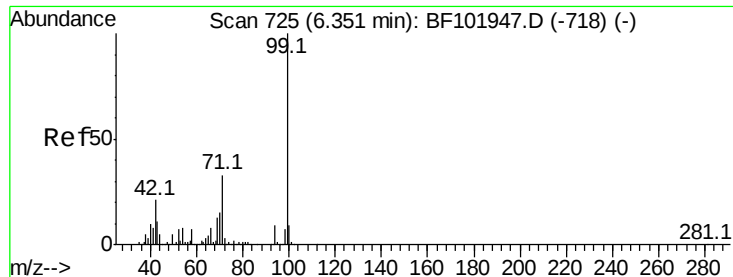


#5

2-Fluorophenol
Concen: 96.650 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102072.D
Acq: 15 Jan 2018 19:34

Tgt Ion:112 Resp: 1579526
Ion Ratio Lower Upper
112 100
64 58.9 47.9 71.9
63 31.1 23.7 35.5





#7

Phenol-d6

Concen: 95.478 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102072.D

Acq: 15 Jan 2018 19:34

Instrument :

BNA_F

ClientSampleId :

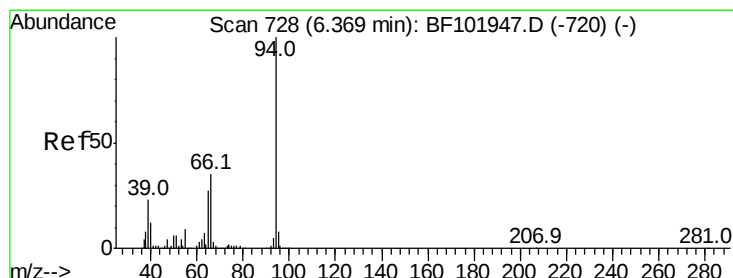
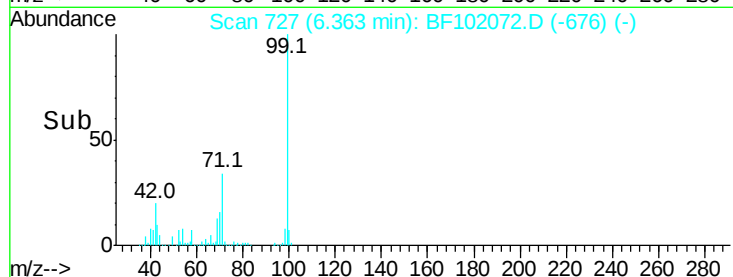
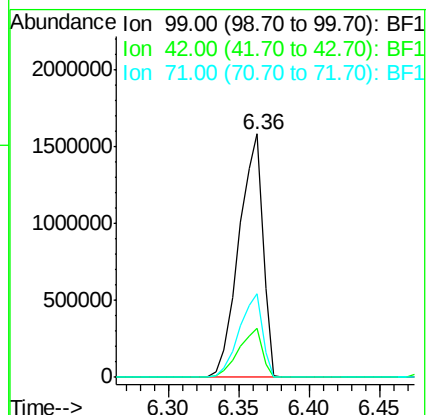
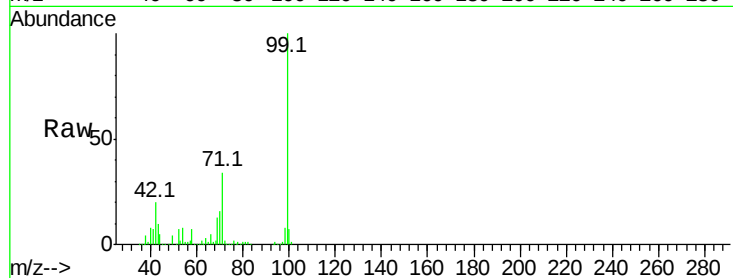
Tot Ion: 99 Resp: 1861685

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 34.3 25.4 38.0



#10

Phenol

Concen: 2.516 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102072.D

Acq: 15 Jan 2018 19:34

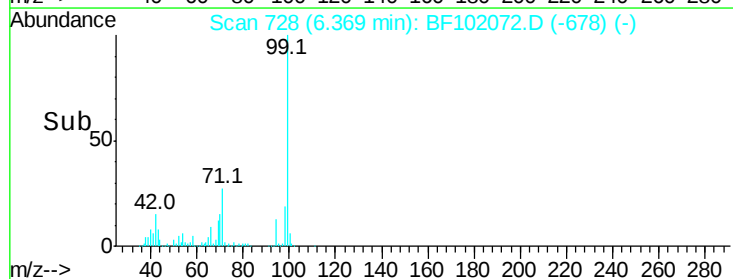
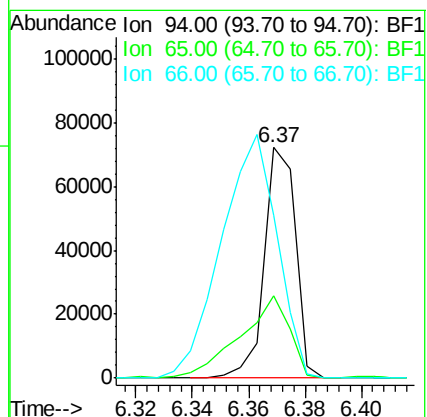
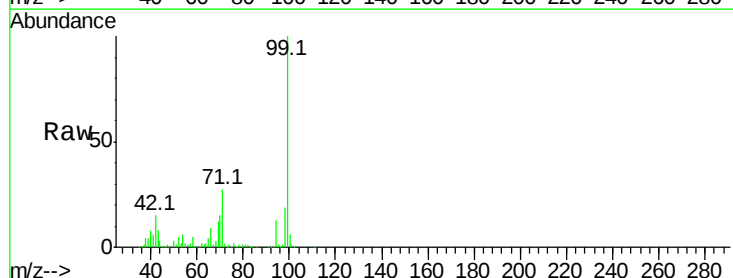
Tgt Ion: 94 Resp: 55440

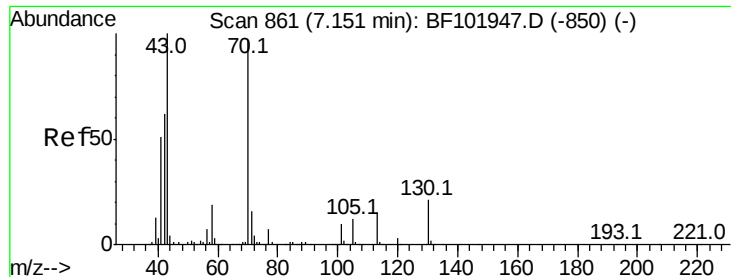
Ion Ratio Lower Upper

94 100

65 35.9 7.9 47.9

66 70.5 16.2 56.2#

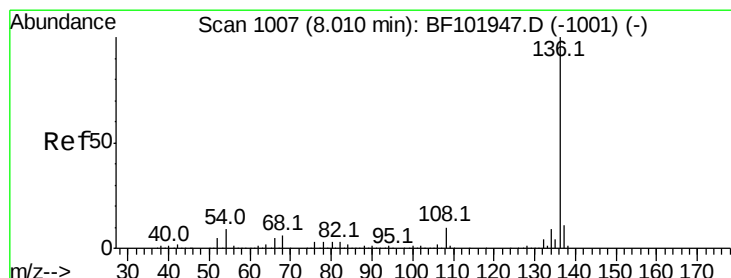
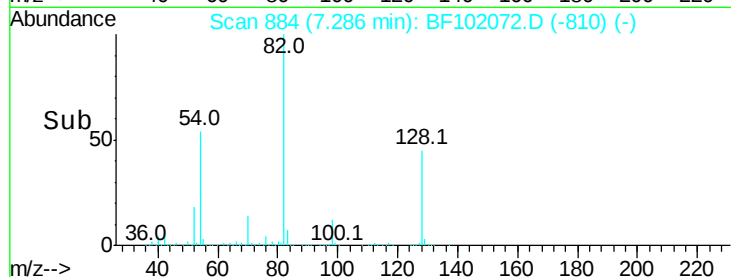
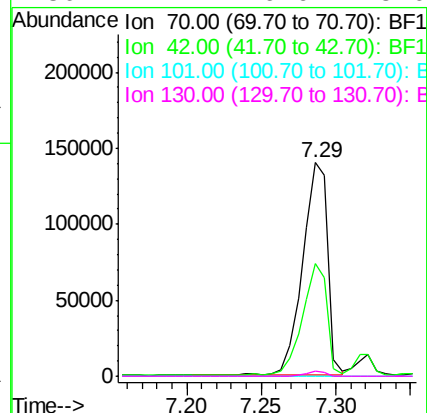
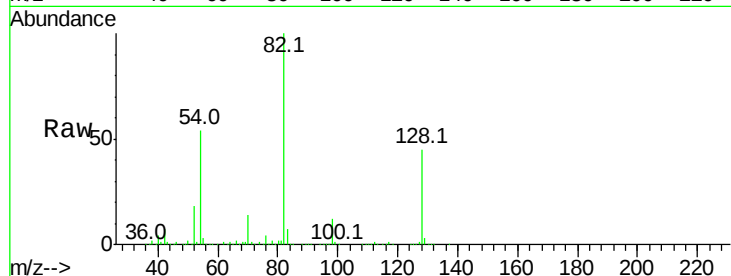




#19
n-Nitroso-di-n-propylamine
Concen: 12.735 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102072.D
Acq: 15 Jan 2018 19:34

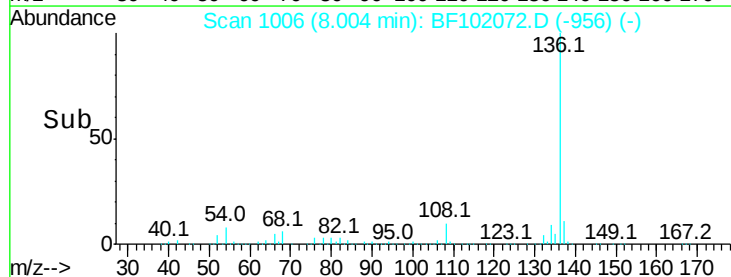
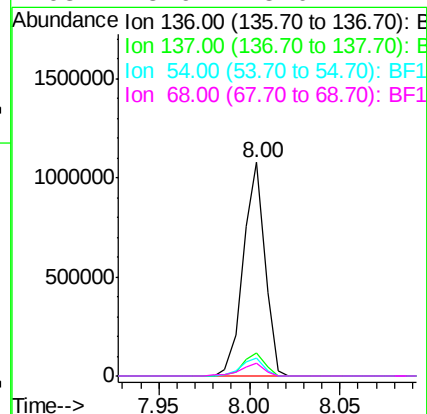
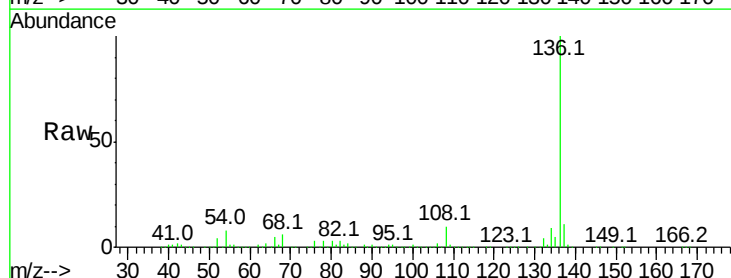
Instrument :
BNA_F
ClientSampleId :

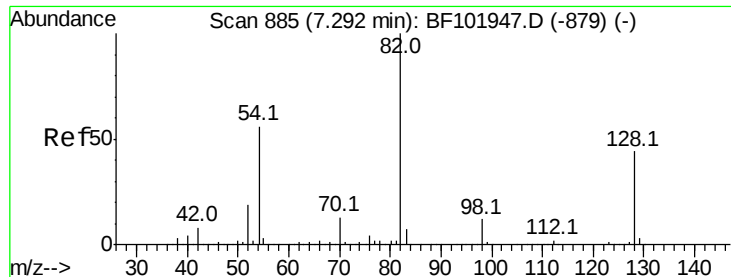
Tot Ion: 70 Resp: 162732
Ion Ratio Lower Upper
70 100
42 52.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.4 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102072.D
Acq: 15 Jan 2018 19:34

Tgt Ion:136 Resp: 891632
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.1 6.6 9.8
68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 77.749 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF102072.D

Acq: 15 Jan 2018 19:34

Instrument :

BNA_F

ClientSampleId :

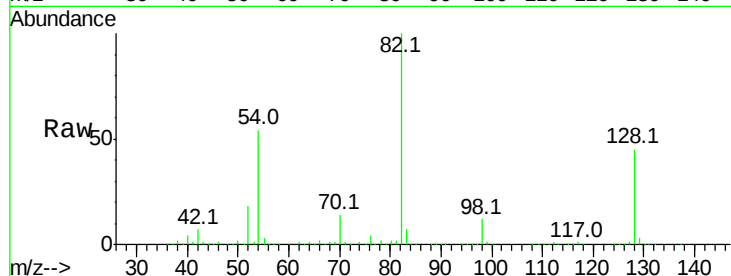
Tot Ion: 82 Resp: 1179699

Ion Ratio Lower Upper

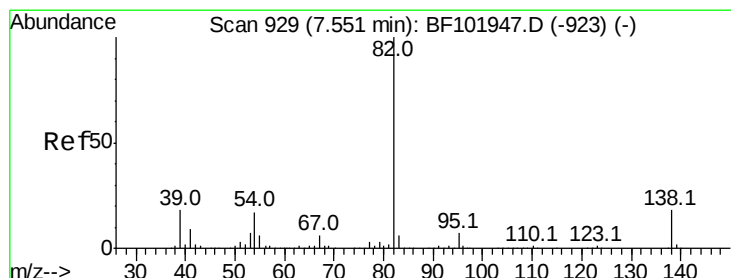
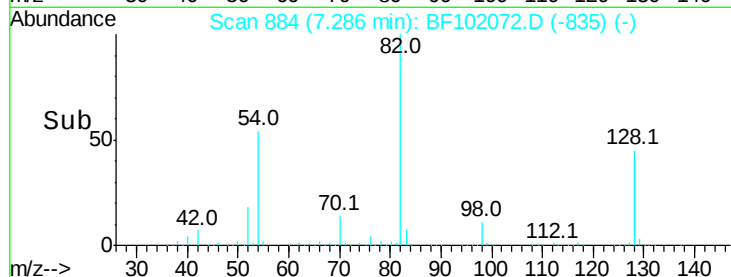
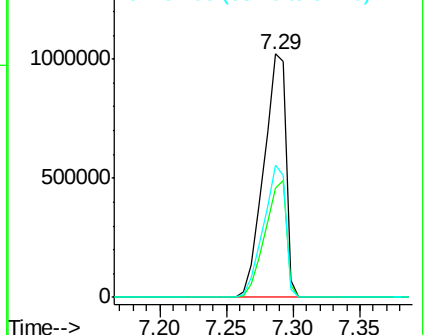
82 100

128 44.7 36.1 54.1

54 54.2 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: 39.164 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF102072.D

Acq: 15 Jan 2018 19:34

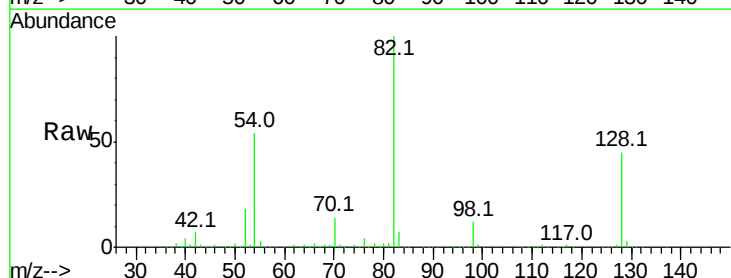
Tgt Ion: 82 Resp: 1174158

Ion Ratio Lower Upper

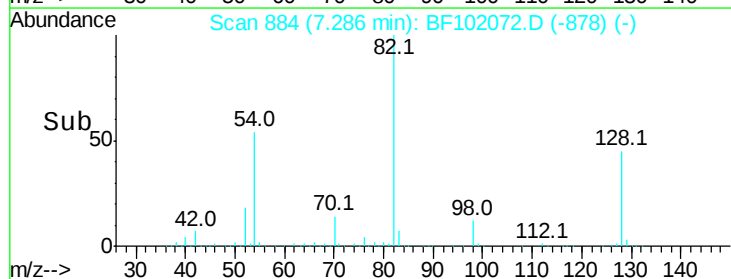
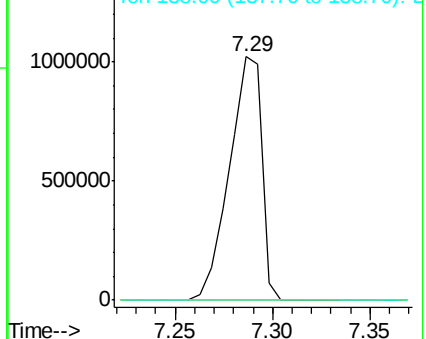
82 100

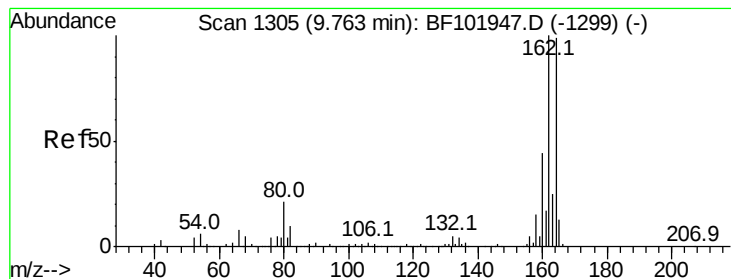
95 0.1 5.2 7.8#

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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102072.D

Acq: 15 Jan 2018 19:34

Instrument :

BNA_F

ClientSampleId :

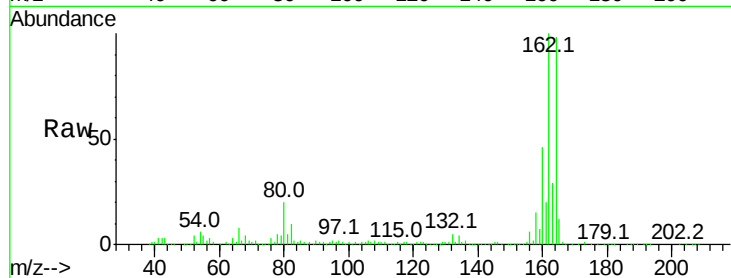
Tot Ion:164 Resp: 347281

Ion Ratio Lower Upper

164 100

162 102.2 86.1 129.1

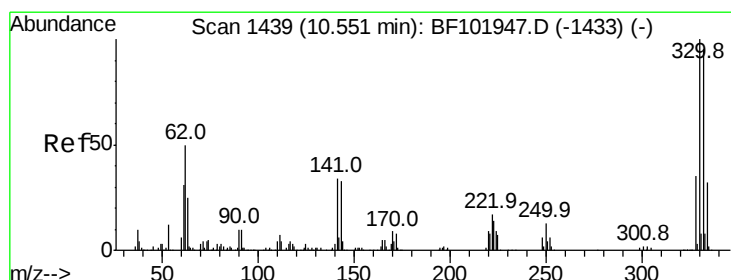
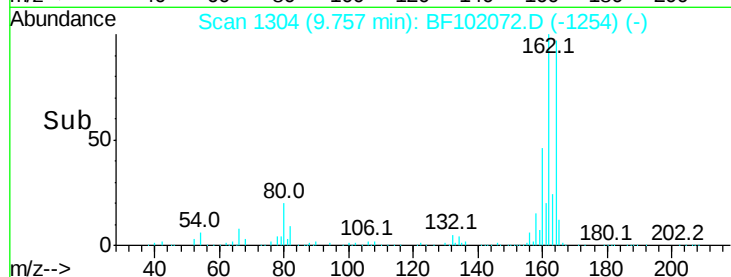
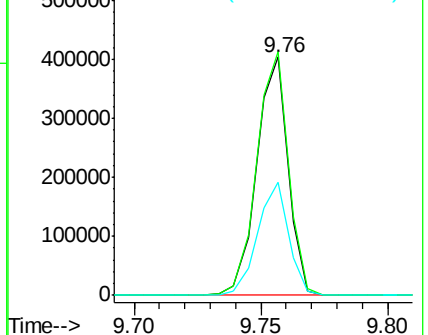
160 47.2 38.3 57.5



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: 95.236 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF102072.D

Acq: 15 Jan 2018 19:34

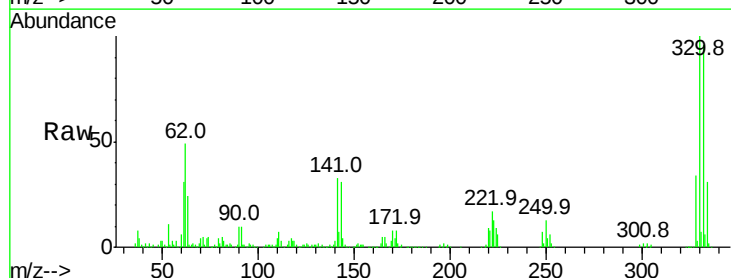
Tgt Ion:330 Resp: 288629

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

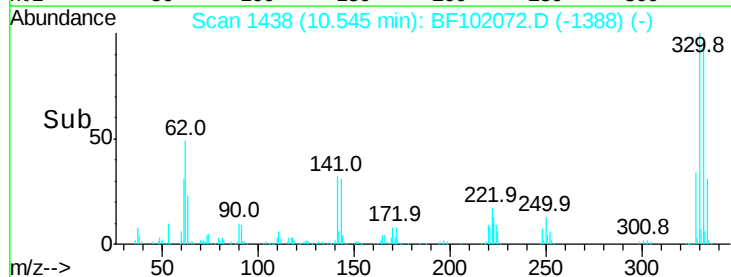
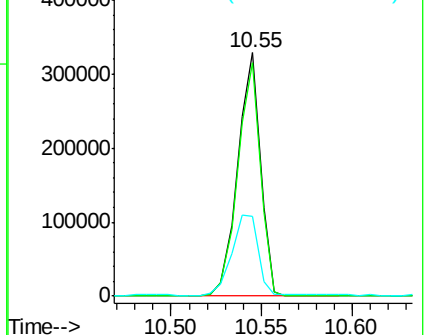
141 37.8 29.9 44.9

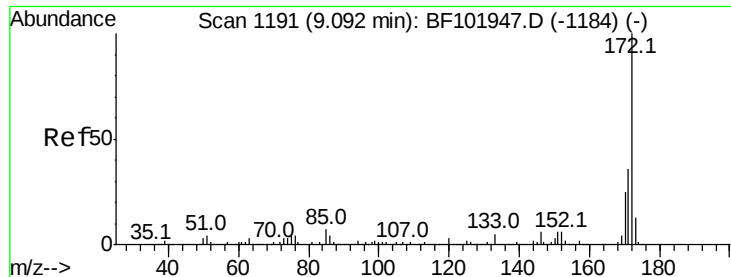


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

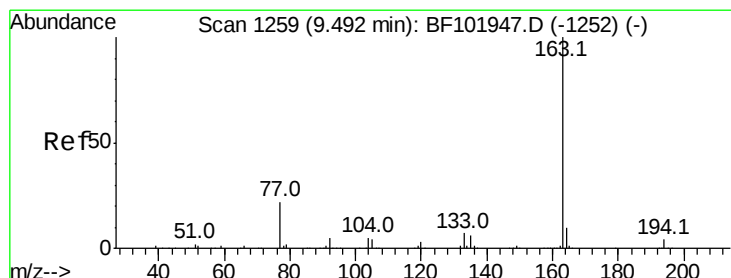
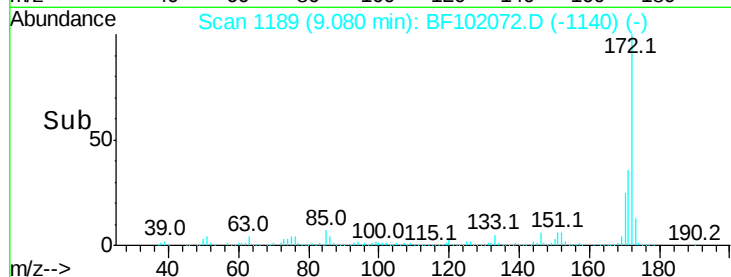
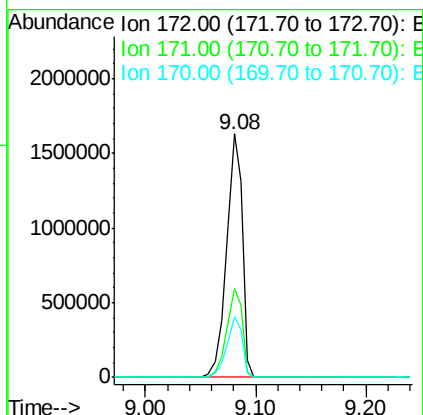
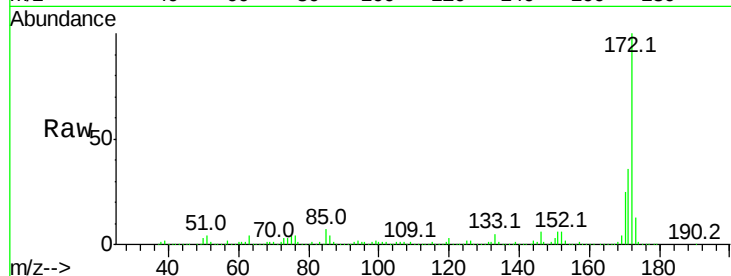




#44
2-Fluorobiphenyl
Concen: 73.137 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF102072.D
Acq: 15 Jan 2018 19:34

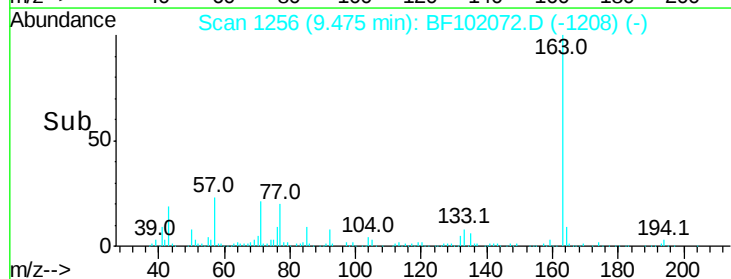
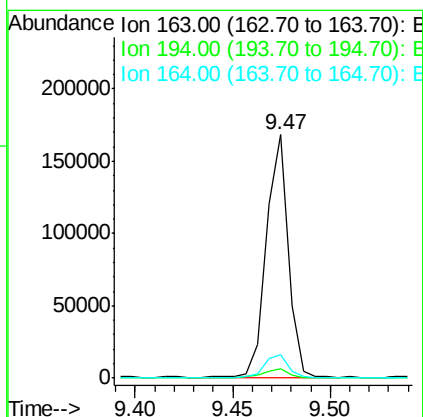
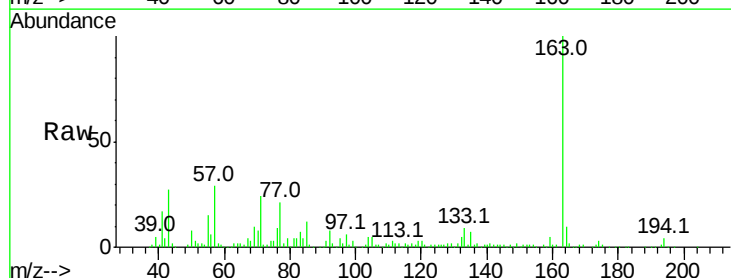
Instrument :
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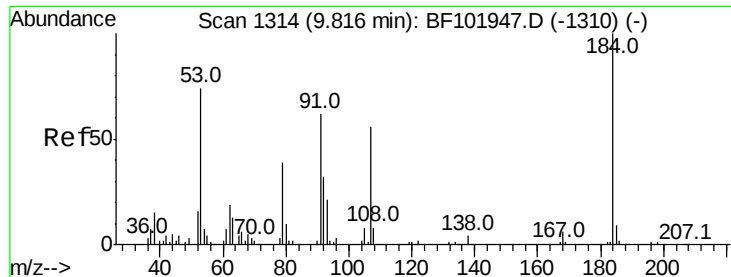
Tot Ion:172 Resp: 1625777
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.7 19.6 29.4



#49
Dimethylphthalate
Concen: 4.680 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF102072.D
Acq: 15 Jan 2018 19:34

Tgt Ion:163 Resp: 130368
Ion Ratio Lower Upper
163 100
194 3.7 2.7 4.1
164 9.6 8.2 12.2

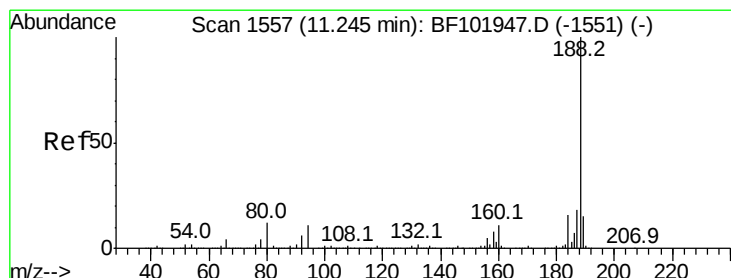
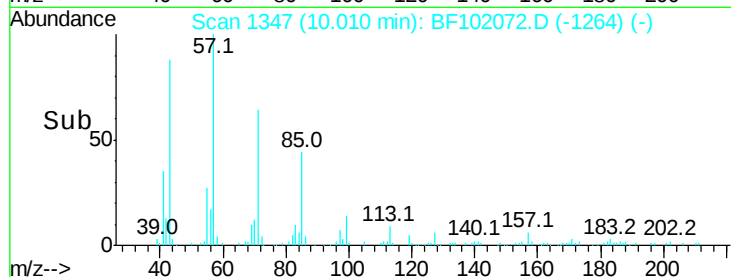
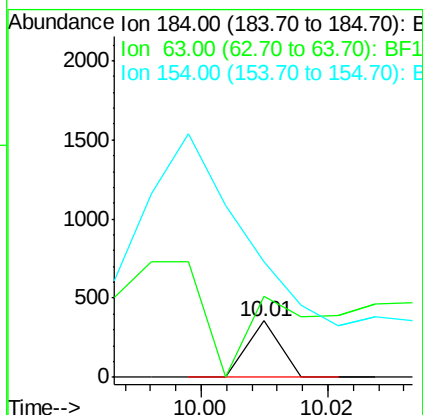
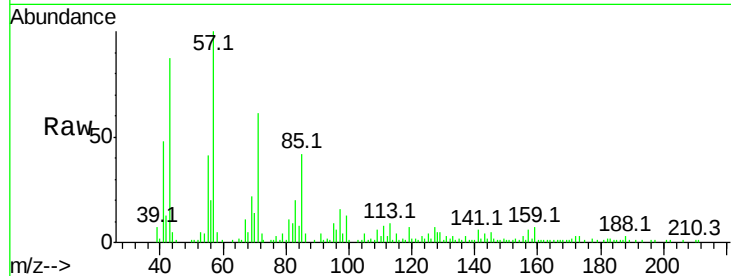




#53
 2,4-Dinitrophenol
 Concen: 8.711 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.19 min
 Lab File: BF102072.D
 Acq: 15 Jan 2018 19:34

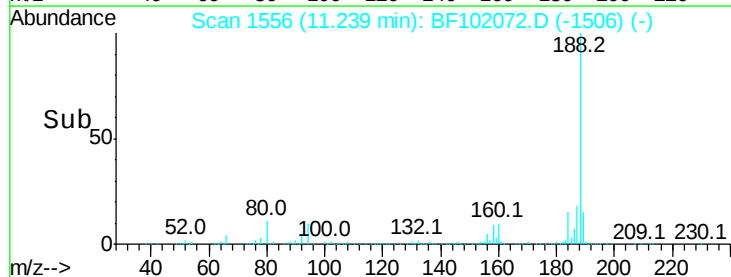
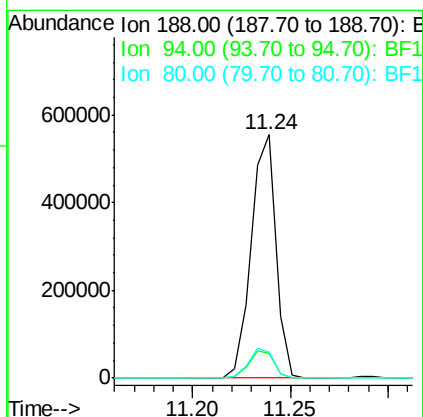
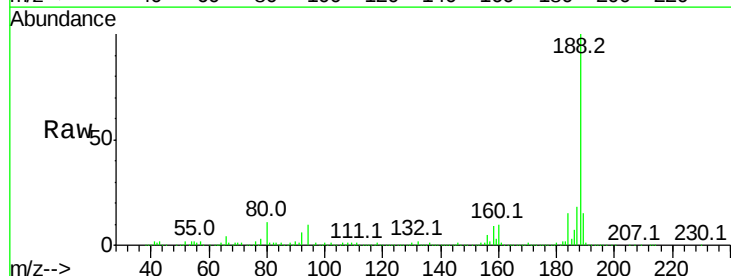
Instrument :
 BNA_F
 ClientSampleId :

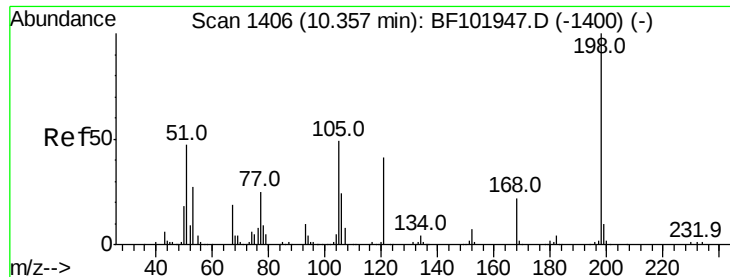
Tot Ion:184 Resp: 126
 Ion Ratio Lower Upper
 184 100
 63 143.0 54.2 81.2#
 154 204.5 184.0 276.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF102072.D
 Acq: 15 Jan 2018 19:34

Tgt Ion:188 Resp: 488703
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.5 12.7
 80 10.7 9.2 13.8

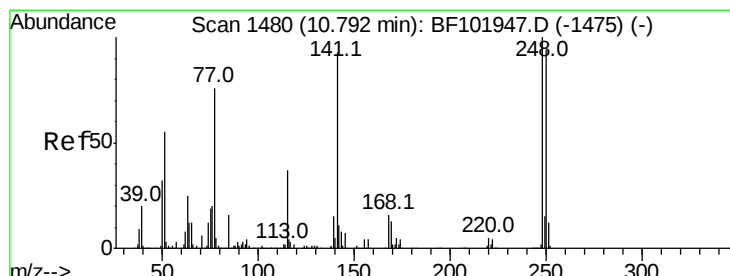
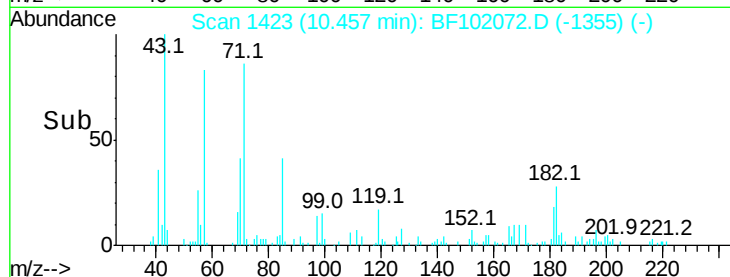
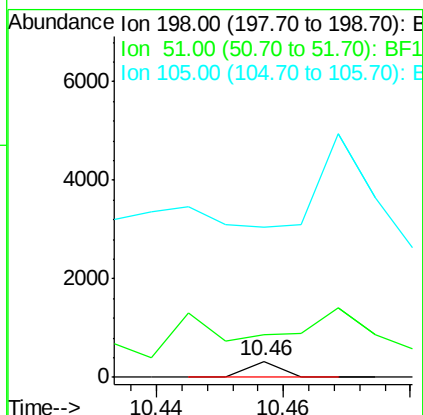
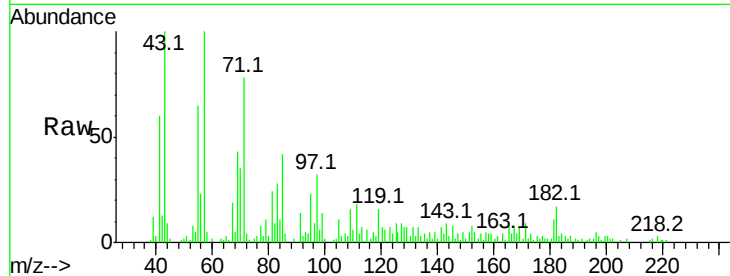




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.700 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.10 min
 Lab File: BF102072.D
 Acq: 15 Jan 2018 19:34

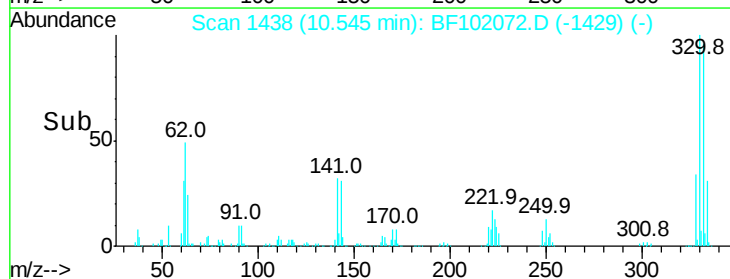
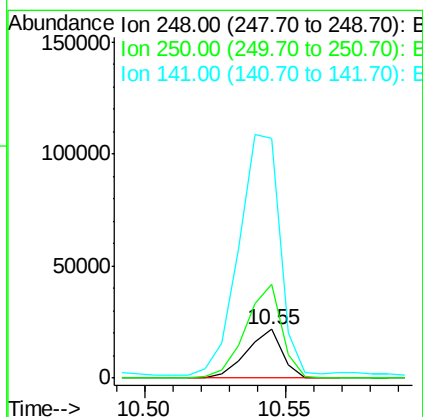
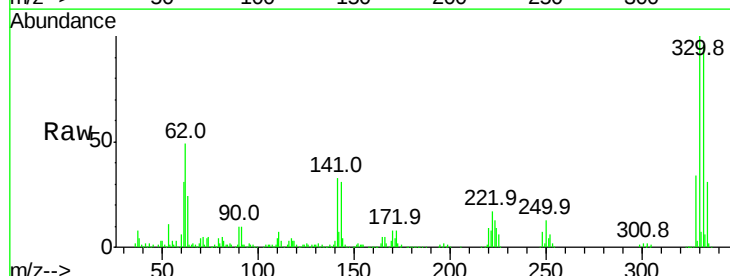
Instrument :
 BNA_F
 ClientSampleId :

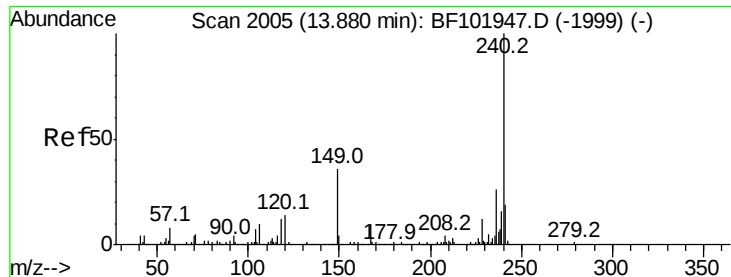
Tot Ion:198 Resp: 115
 Ion Ratio Lower Upper
 198 100
 51 266.5 37.7 77.7#
 105 938.5 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.668 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF102072.D
 Acq: 15 Jan 2018 19:34

Tgt Ion:248 Resp: 18928
 Ion Ratio Lower Upper
 248 100
 250 192.0 76.9 115.3#
 141 492.8 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102072.D

Acq: 15 Jan 2018 19:34

Instrument :

BNA_F

ClientSampleId :

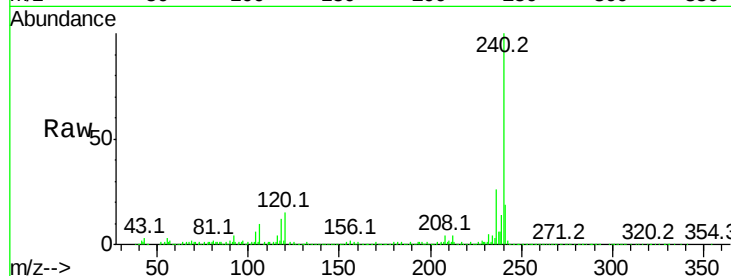
Tot Ion:240 Resp: 402154

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

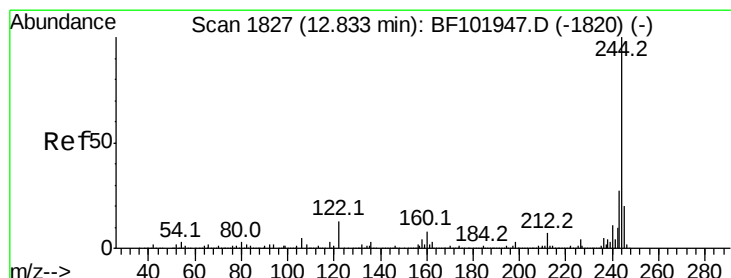
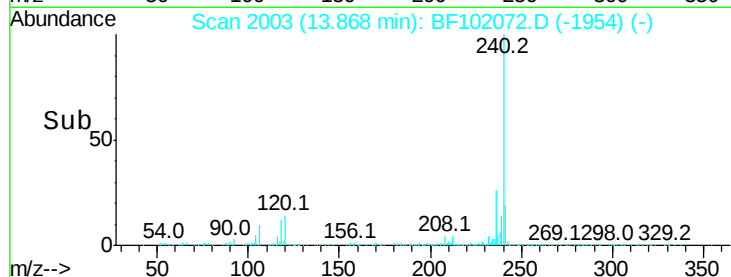
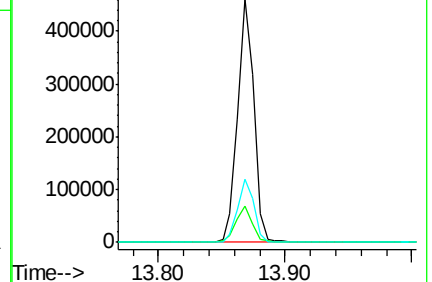
236 25.8 20.7 31.1



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: 54.515 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF102072.D

Acq: 15 Jan 2018 19:34

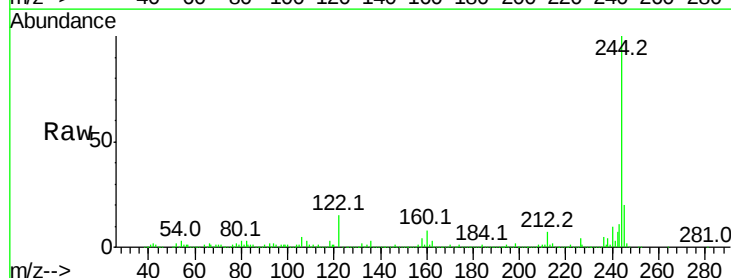
Tgt Ion:244 Resp: 1055909

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

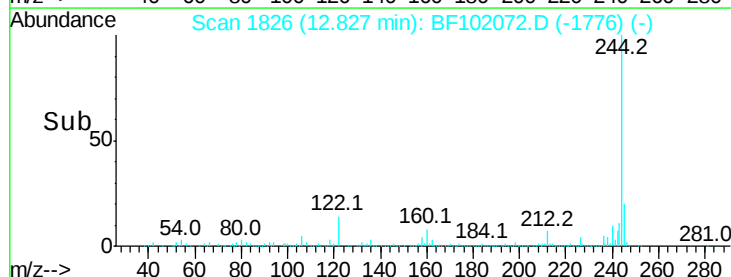
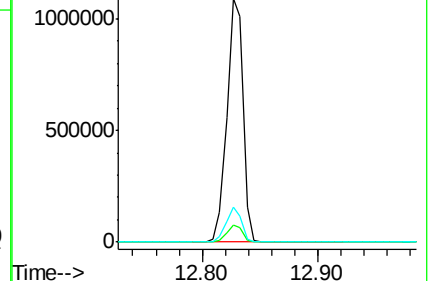
122 14.5 11.0 16.4

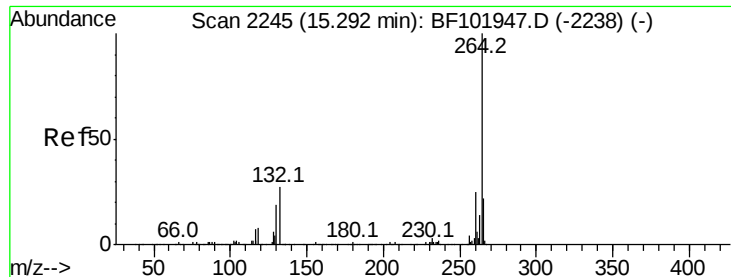


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

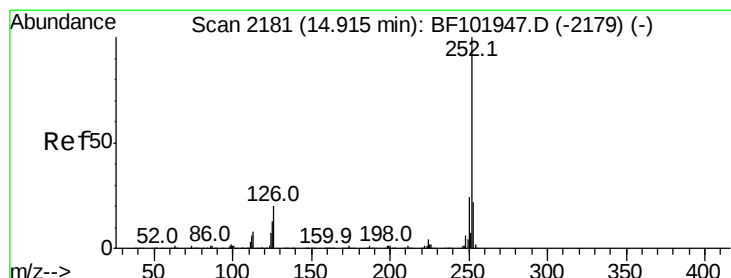
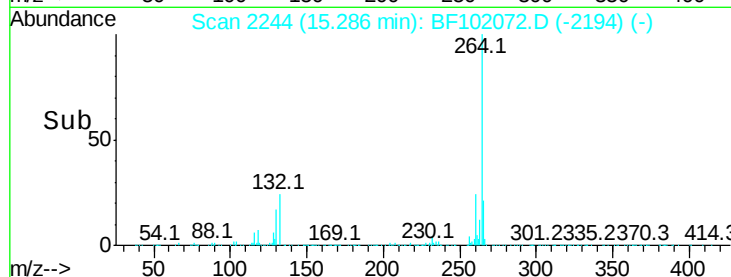
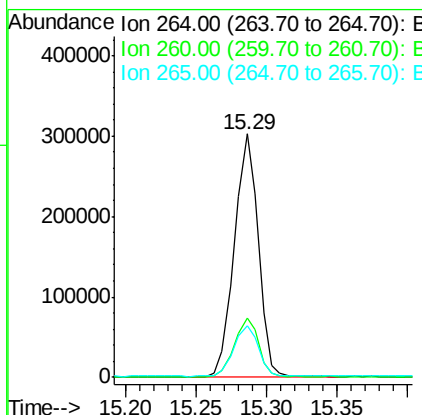
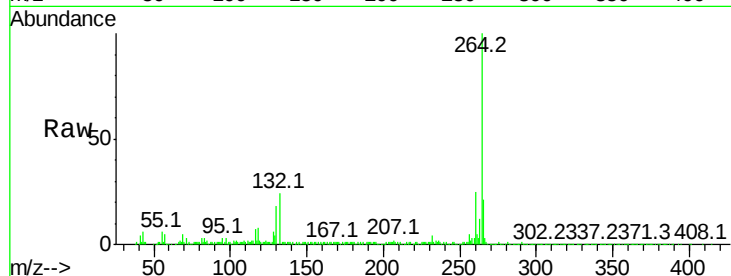




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.01 min
Lab File: BF102072.D
Acq: 15 Jan 2018 19:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 355738
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.4 17.5 26.3



#88
Benzo(k)fluoranthene
Concen: 2.031 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.04 min
Lab File: BF102072.D
Acq: 15 Jan 2018 19:34

Tgt Ion:252 Resp: 45442
Ion Ratio Lower Upper
252 100
253 28.7 17.9 26.9#
125 26.8 10.2 15.2#

