

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
 Data File : BF102203.D
 Acq On : 18 Jan 2018 20:33
 Operator : SJ/JU
 Sample : J1171-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 19 00:16:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 17 15:28:18 2018
 Response via : Initial Calibration

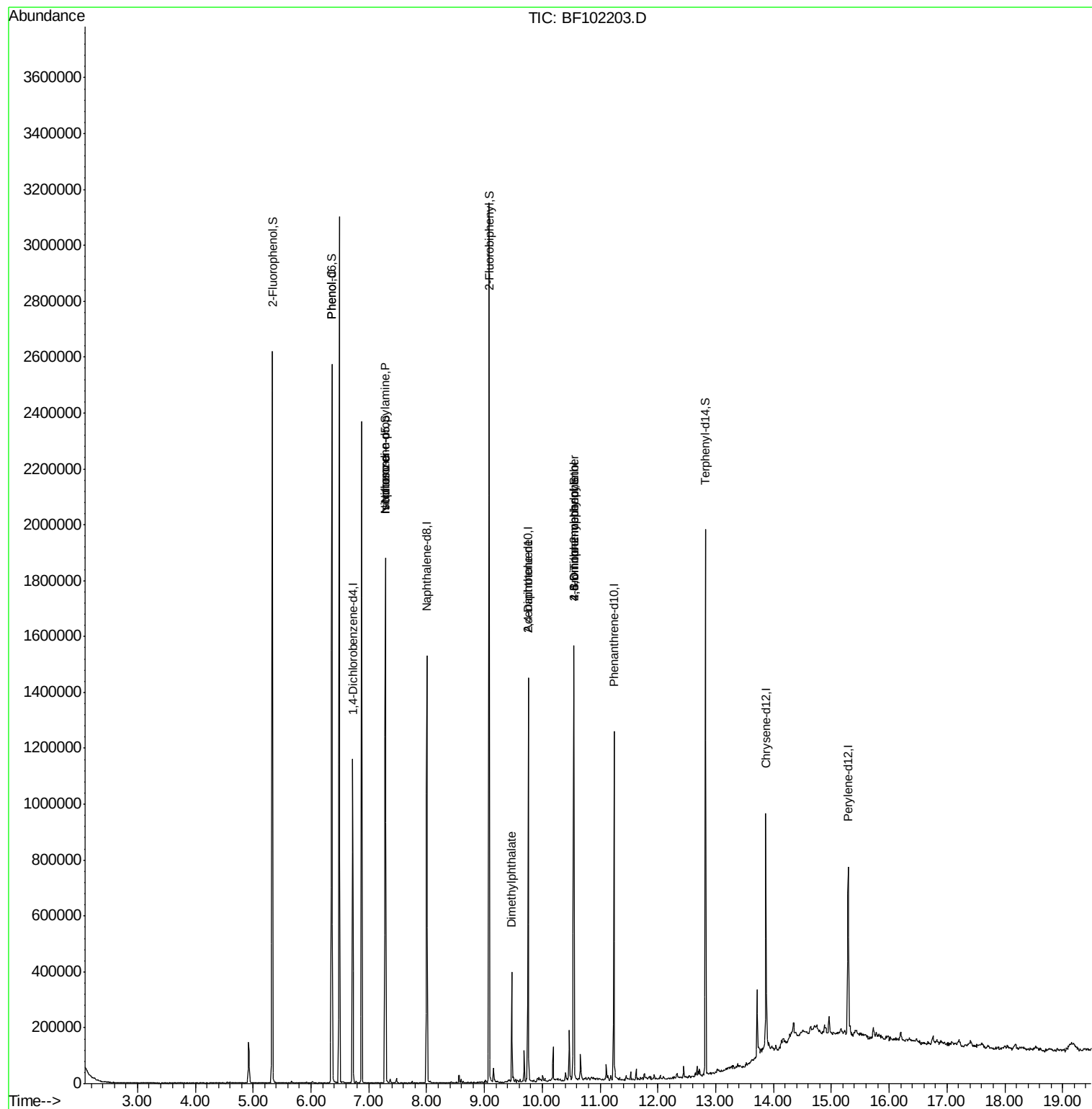
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	154420	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	627982	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	265257	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	391940	20.00	ng	0.00
75) Chrysene-d12	13.87	240	276304	20.00	ng	0.00
86) Perylene-d12	15.29	264	249199	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	799136	73.08	ng	0.01
7) Phenol-d6	6.36	99	958200	73.44	ng	0.00
23) Nitrobenzene-d5	7.29	82	572310	53.55	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	172565	74.55	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	914604	53.87	ng	0.00
78) Terphenyl-d14	12.82	244	585961	44.03	ng	0.00
Target Compounds						
10) Phenol	6.37	94	49814	3.378	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	77057	9.012	ng	# 78
25) Isophorone	7.29	82	568035	26.901	ng	# 64
49) Dimethylphthalate	9.47	163	135870	6.385	ng	99
56) 2,4-Dinitrotoluene	9.76	165	33742	6.334	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	263	5.771	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	11745	2.838	ng	# 1

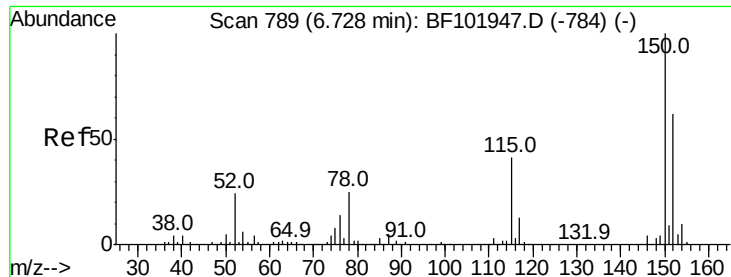
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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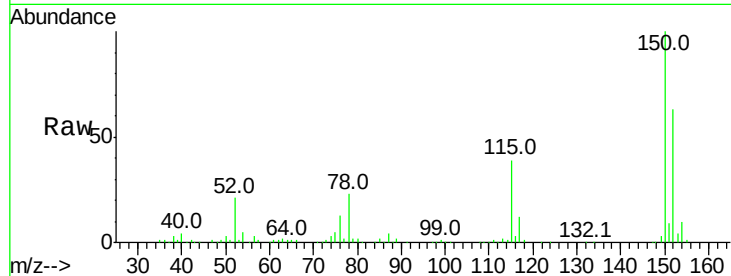


#1

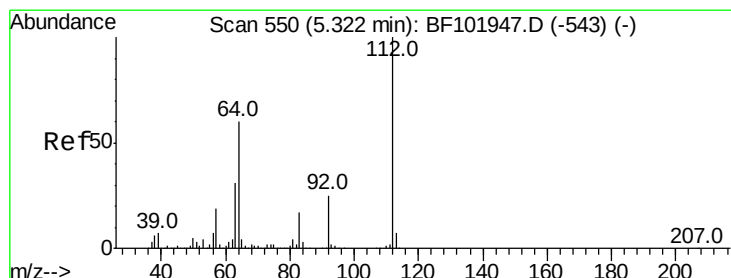
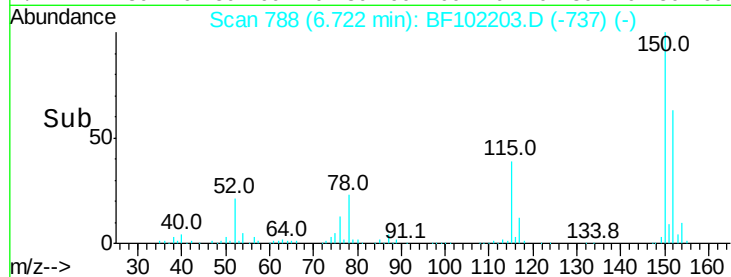
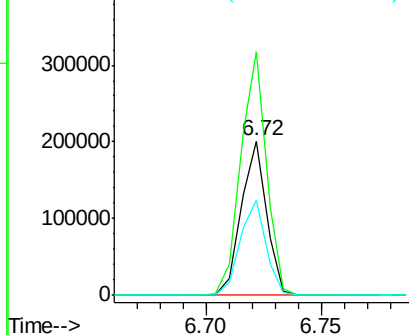
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF102203.D
Acq: 18 Jan 2018 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 154420
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 61.9 50.1 75.1



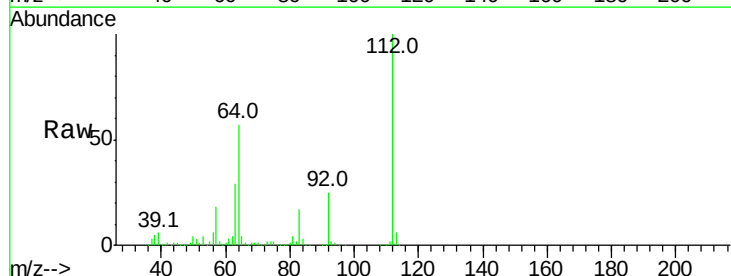
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



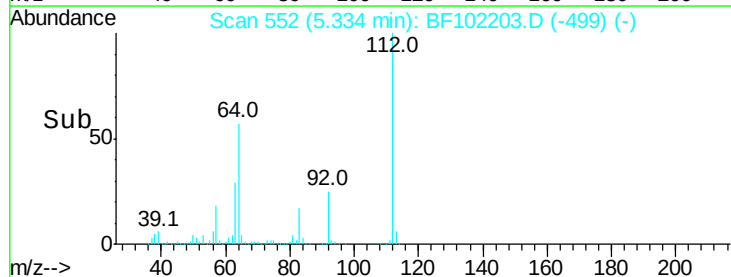
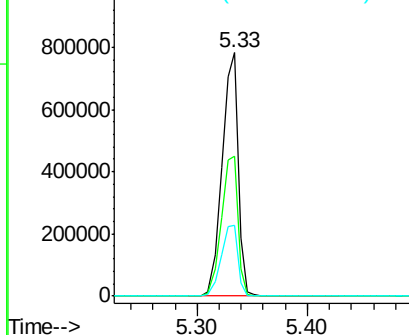
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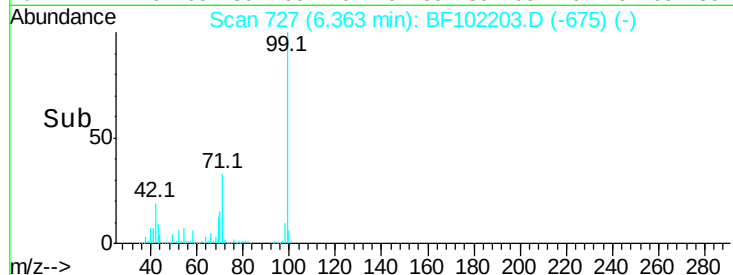
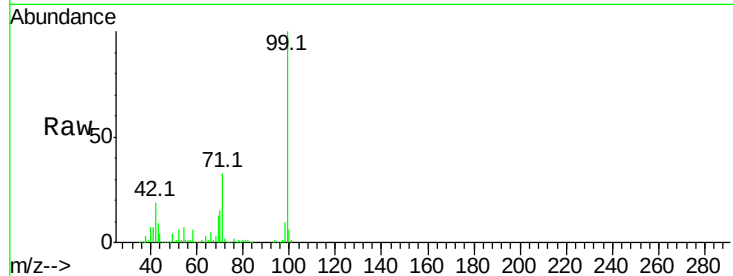
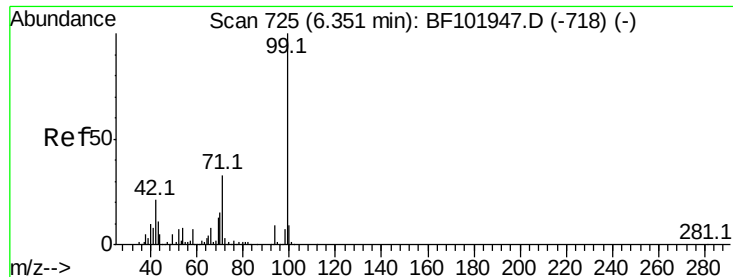
2-Fluorophenol
Concen: 73.076 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102203.D
Acq: 18 Jan 2018 20:33

Tgt Ion:112 Resp: 799136
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 29.3 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: 73.440 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF102203.D

Acq: 18 Jan 2018 20:33

Instrument :

BNA_F

ClientSampleId :

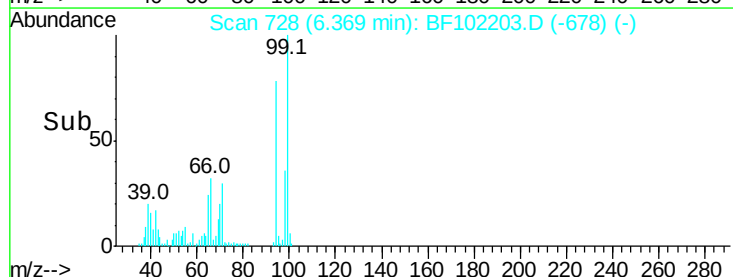
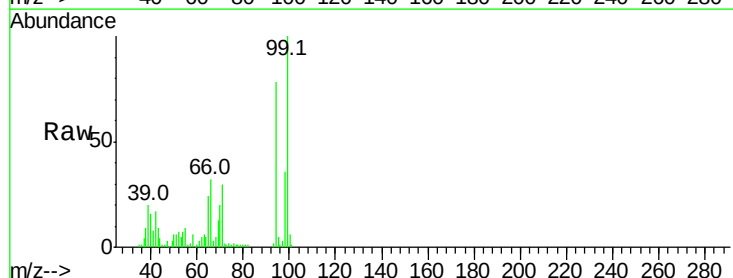
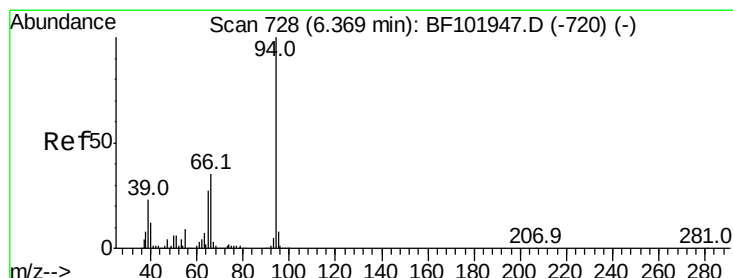
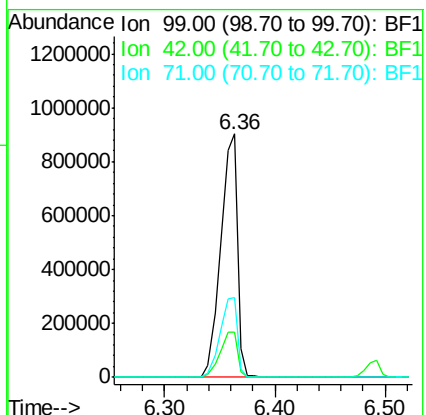
Tot Ion: 99 Resp: 958200

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

71 32.9 25.4 38.0



#10

Phenol

Concen: 3.378 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF102203.D

Acq: 18 Jan 2018 20:33

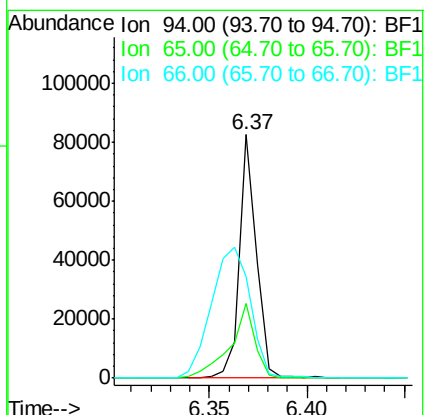
Tgt Ion: 94 Resp: 49814

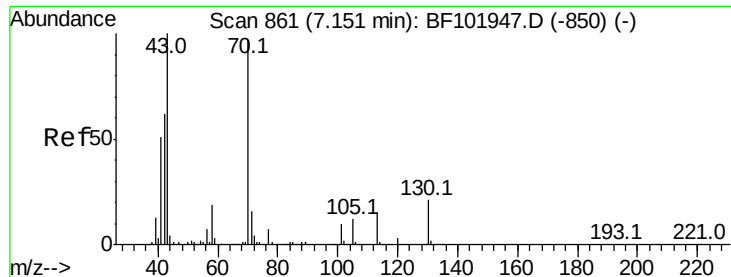
Ion Ratio Lower Upper

94 100

65 30.9 7.9 47.9

66 41.5 16.2 56.2

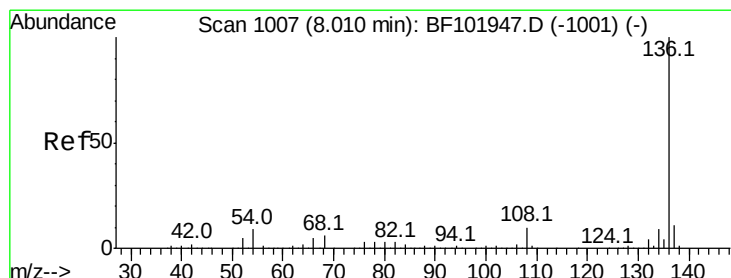
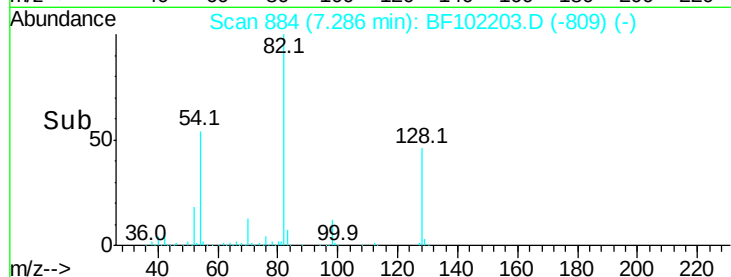
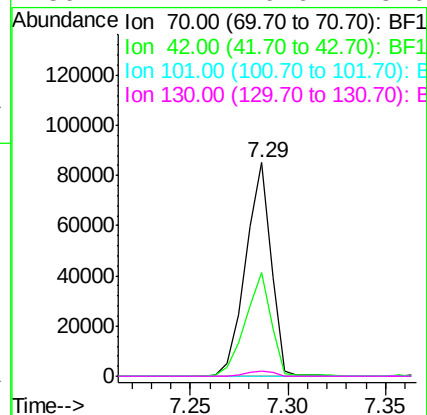
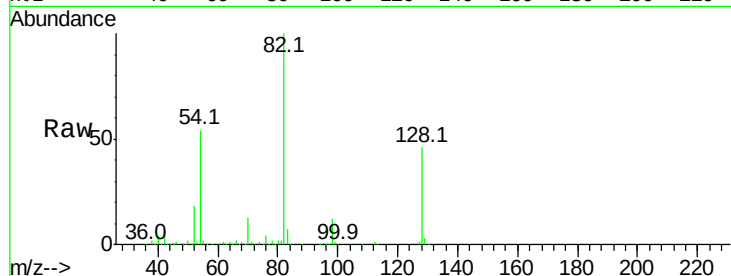




#19
n-Nitroso-di-n-propylamine
Concen: 9.012 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.14 min
Lab File: BF102203.D
Acq: 18 Jan 2018 20:33

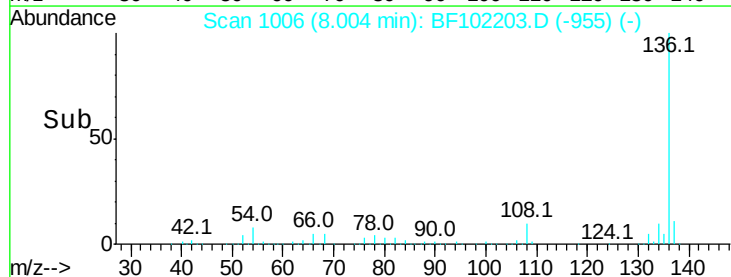
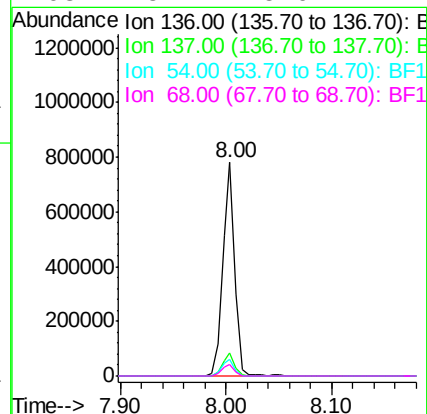
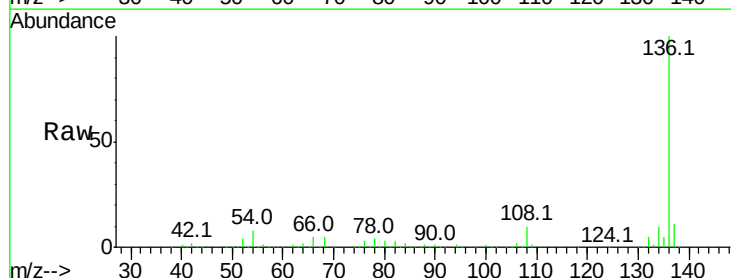
Instrument :
BNA_F
ClientSampleId :

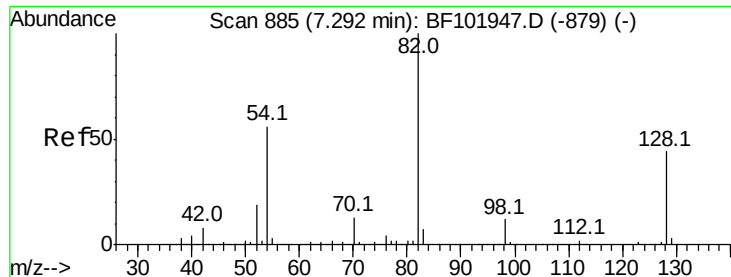
Tot Ion: 70 Resp: 77057
Ion Ratio Lower Upper
70 100
42 48.3 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF102203.D
Acq: 18 Jan 2018 20:33

Tgt Ion: 136 Resp: 627982
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.7 6.6 9.8
68 5.2 5.0 7.4

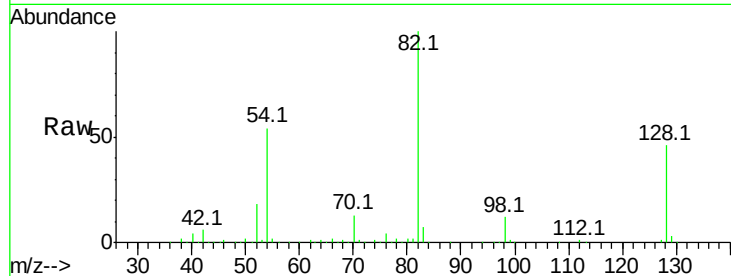




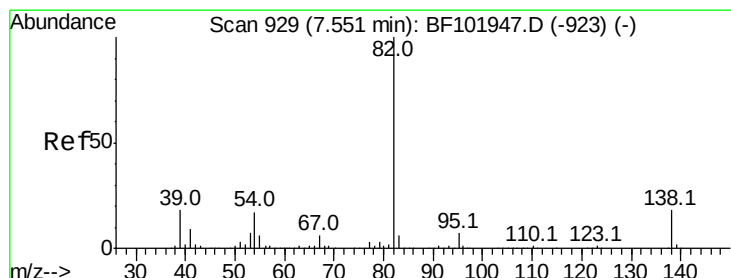
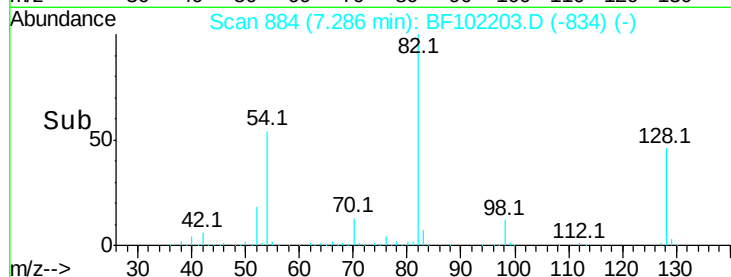
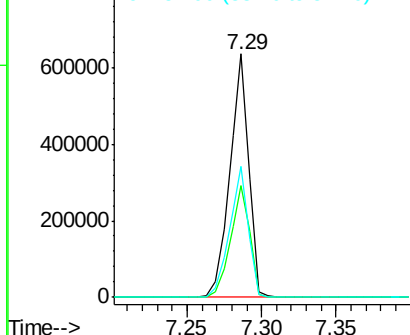
#23
 Nitrobenzene-d5
 Concen: 53.555 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF102203.D
 Acq: 18 Jan 2018 20:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 572310
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.1 54.1
 54 54.0 41.4 62.2

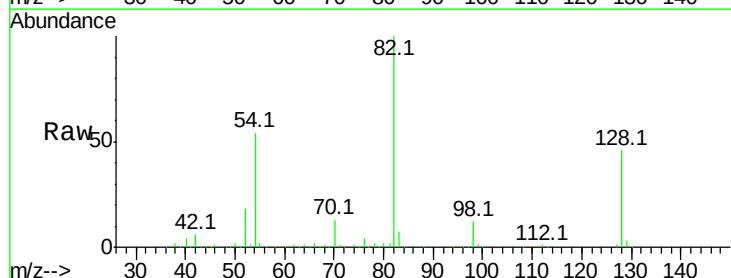


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

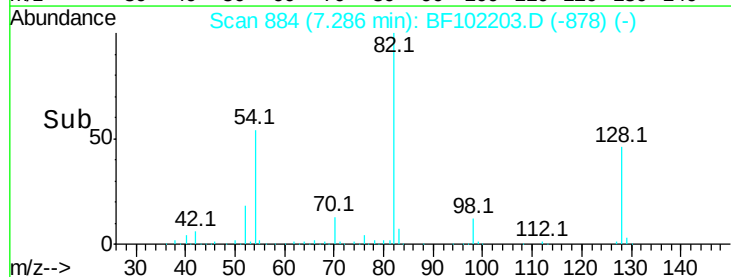
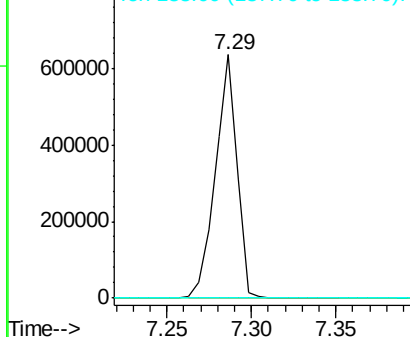


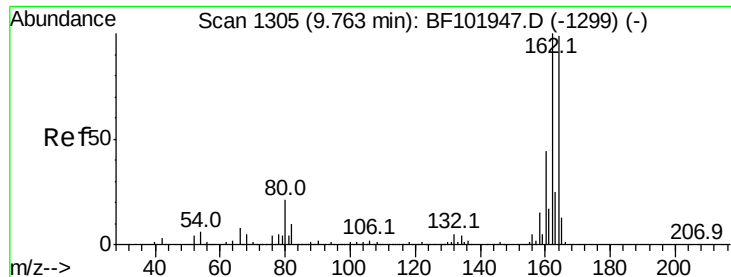
#25
 Isophorone
 Concen: 26.901 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.26 min
 Lab File: BF102203.D
 Acq: 18 Jan 2018 20:33

Tgt Ion: 82 Resp: 568035
 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

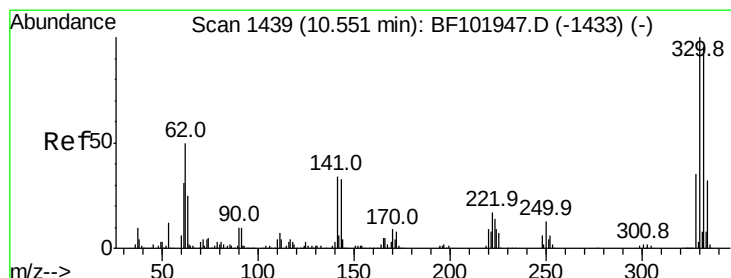
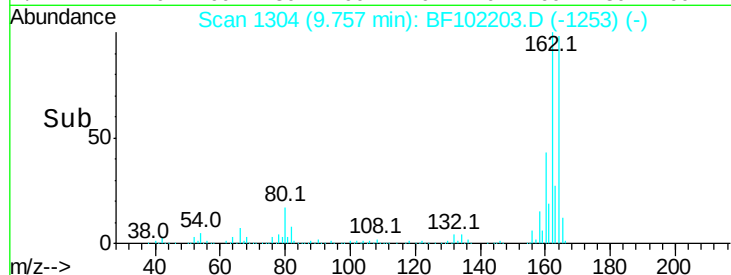
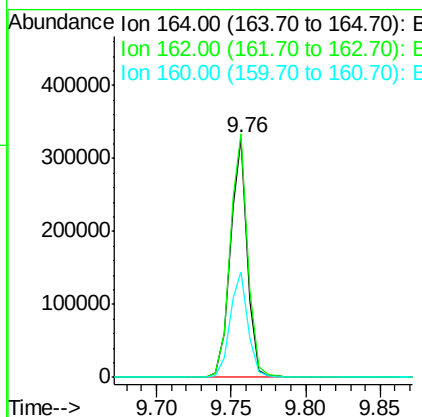
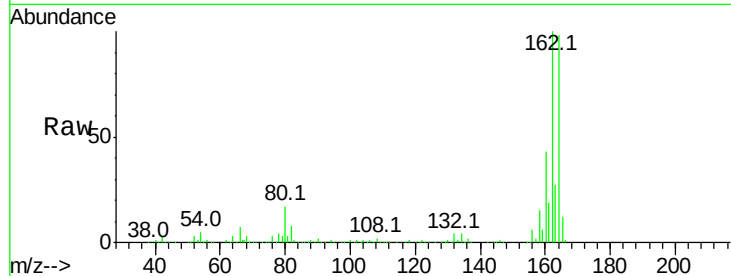




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF102203.D
 Acq: 18 Jan 2018 20:33

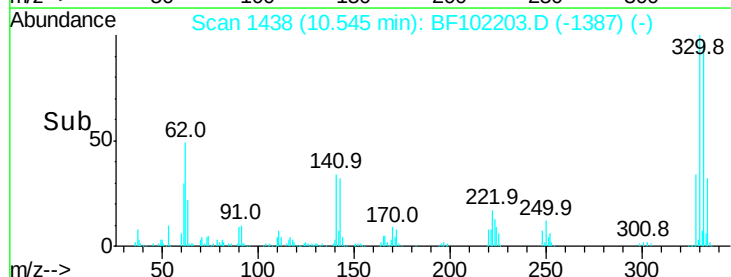
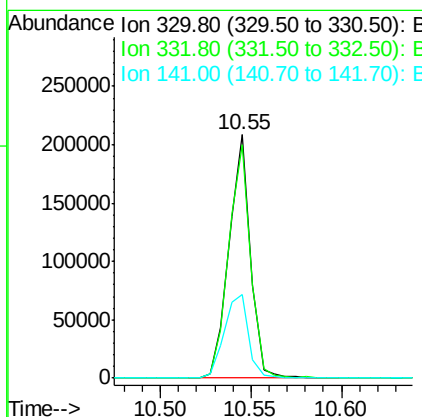
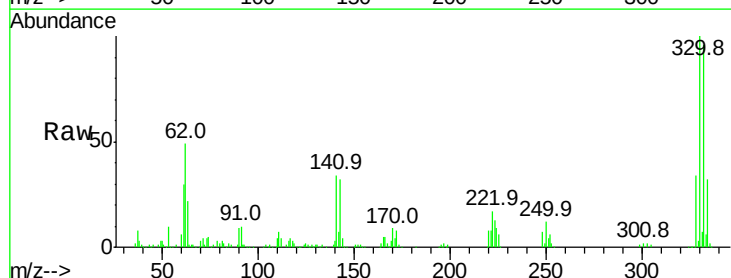
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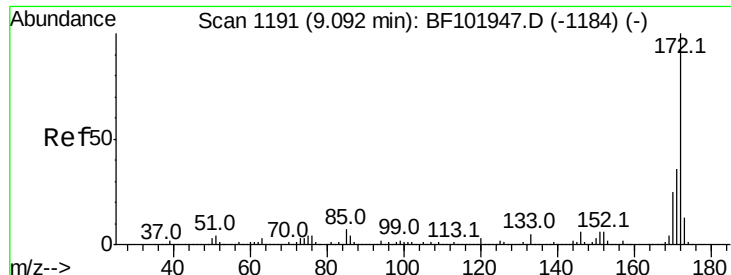
Tot Ion:164 Resp: 265257
 Ion Ratio Lower Upper
 164 100
 162 102.0 86.1 129.1
 160 44.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 74.547 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: BF102203.D
 Acq: 18 Jan 2018 20:33

Tgt Ion:330 Resp: 172565
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.0 115.6
 141 39.0 29.9 44.9

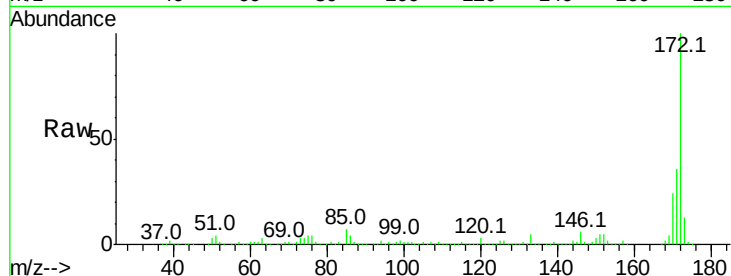




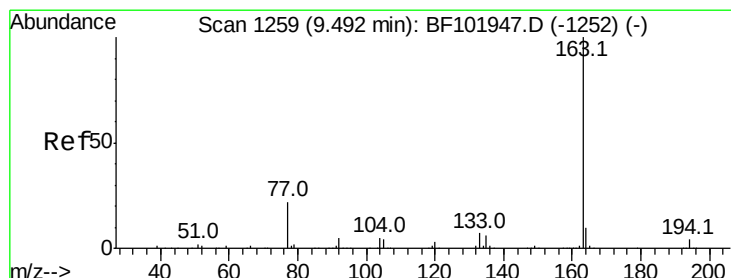
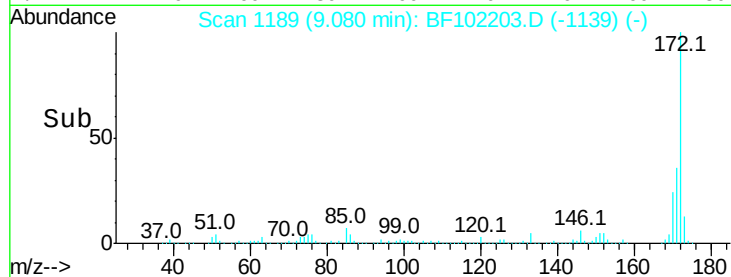
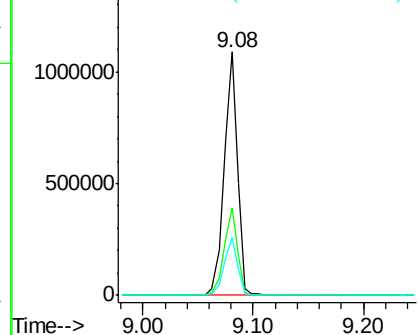
#44
 2-Fluorobiphenyl
 Concen: 53.867 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF102203.D
 Acq: 18 Jan 2018 20:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 914604
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 23.6 19.6 29.4

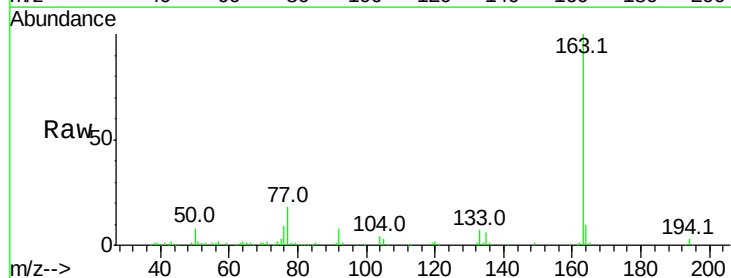


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

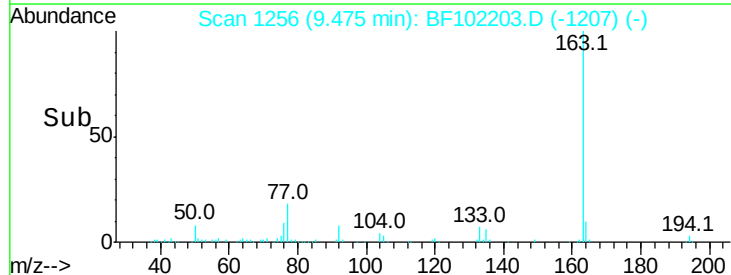
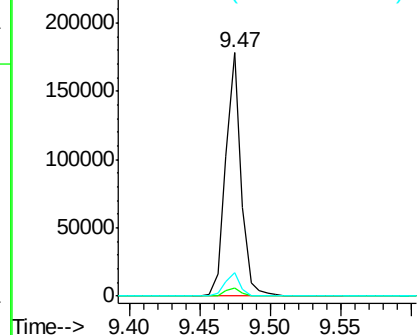


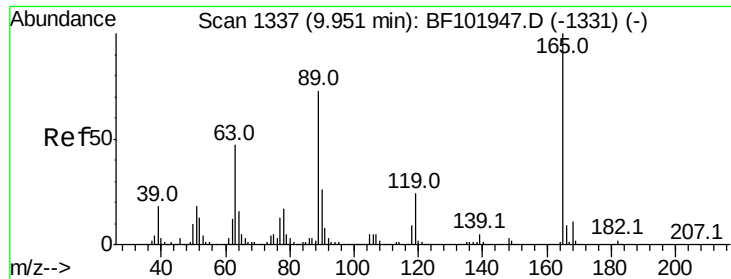
#49
 Dimethylphthalate
 Concen: 6.385 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: BF102203.D
 Acq: 18 Jan 2018 20:33

Tgt Ion:163 Resp: 135870
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 9.7 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

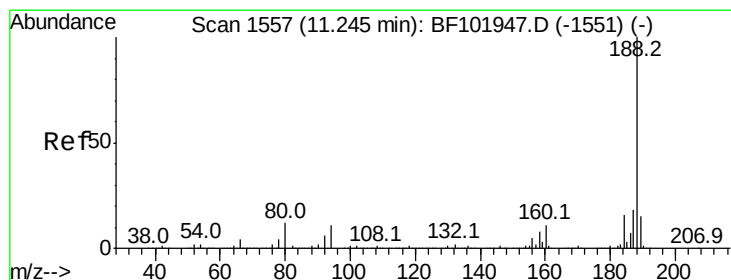
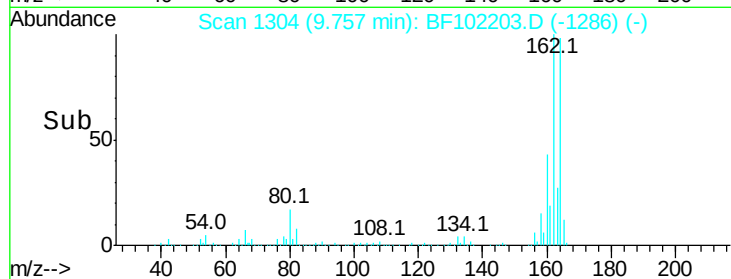
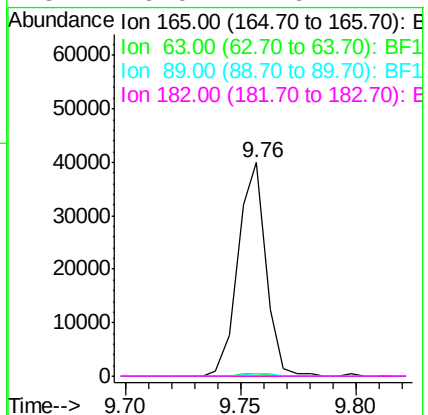
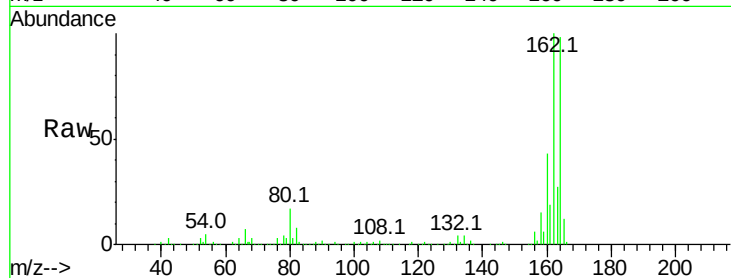




#56
 2,4-Dinitrotoluene
 Concen: 6.334 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF102203.D
 Acq: 18 Jan 2018 20:33

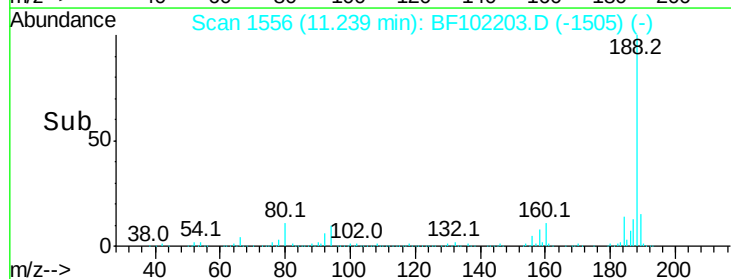
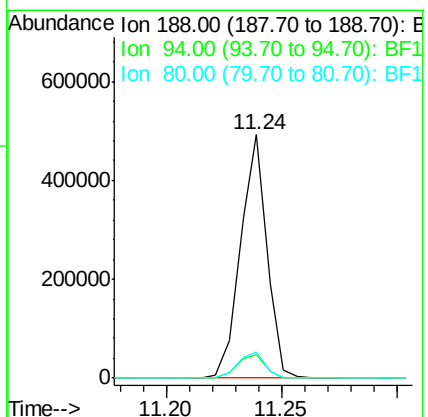
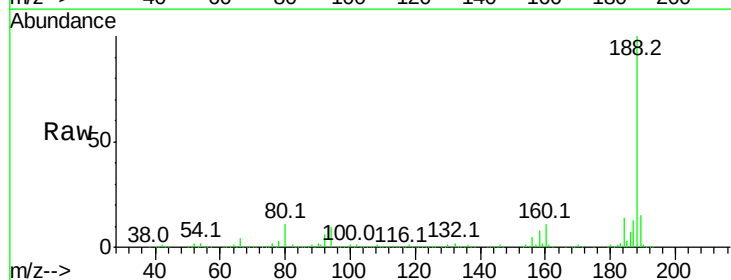
Instrument :
 BNA_F
 ClientSampleId :

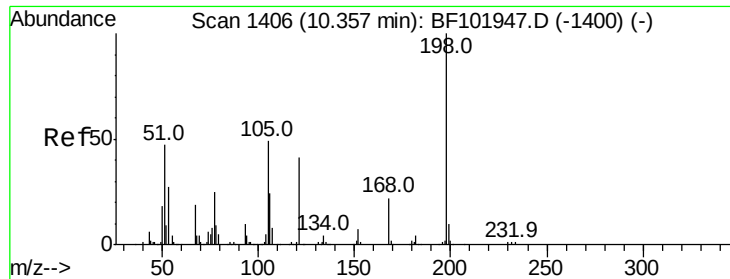
Tot Ion:165 Resp: 33742
 Ion Ratio Lower Upper
 165 100
 63 1.5 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BF102203.D
 Acq: 18 Jan 2018 20:33

Tgt Ion:188 Resp: 391940
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.9 9.2 13.8

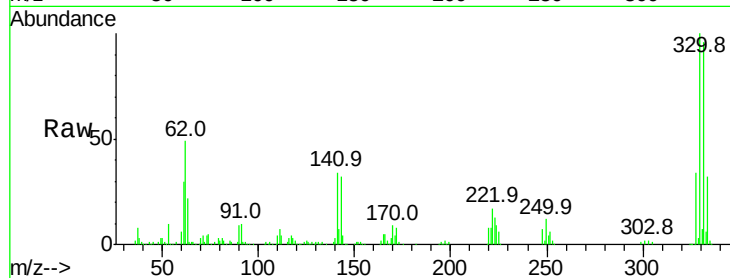




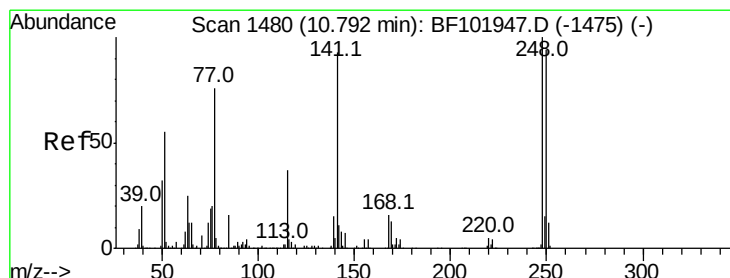
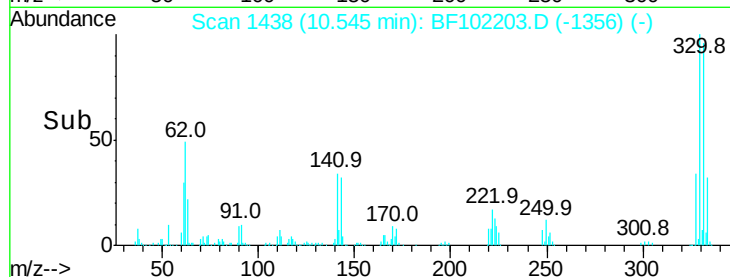
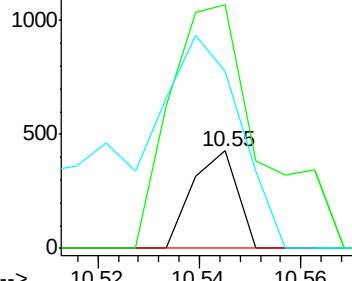
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.771 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF102203.D
 Acq: 18 Jan 2018 20:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 263
 Ion Ratio Lower Upper
 198 100
 51 249.8 37.7 77.7#
 105 181.8 36.3 76.3#

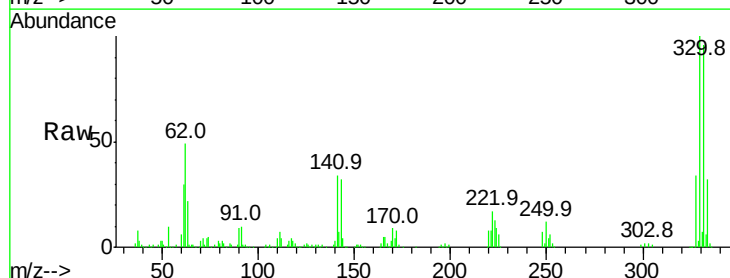


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

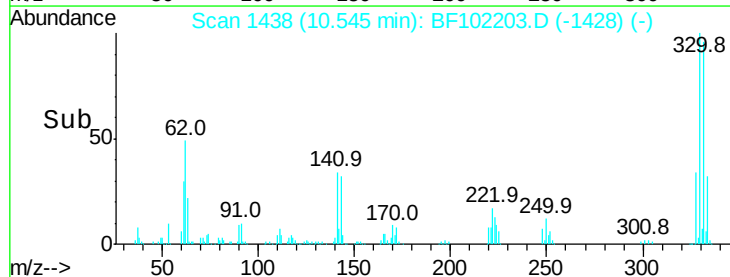
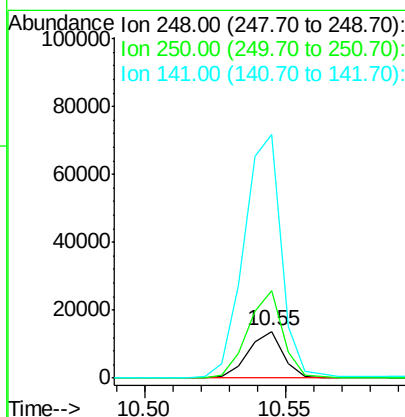


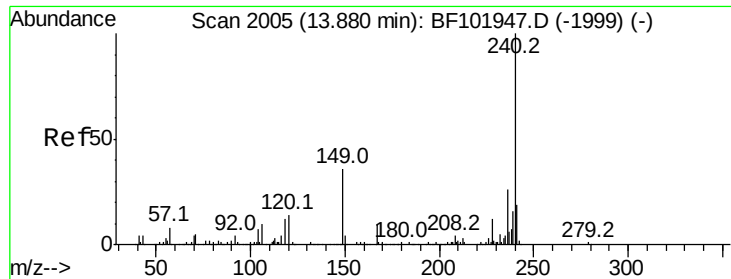
#66
 4-Bromophenyl-phenylether
 Concen: 2.838 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.24 min
 Lab File: BF102203.D
 Acq: 18 Jan 2018 20:33

Tgt Ion:248 Resp: 11745
 Ion Ratio Lower Upper
 248 100
 250 188.9 76.9 115.3#
 141 522.7 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: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF102203.D

Acq: 18 Jan 2018 20:33

Instrument :

BNA_F

ClientSampleId :

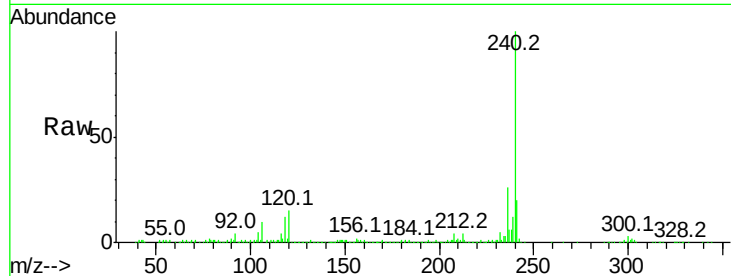
Tot Ion:240 Resp: 276304

Ion Ratio Lower Upper

240 100

120 14.7 9.5 14.3#

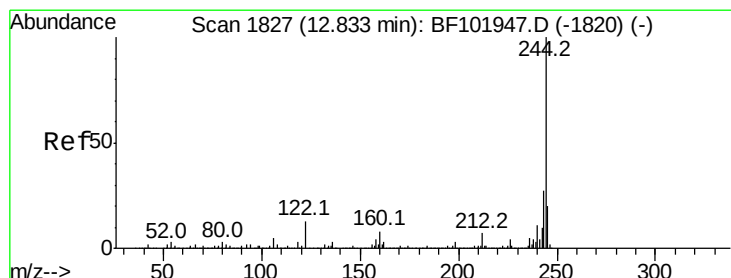
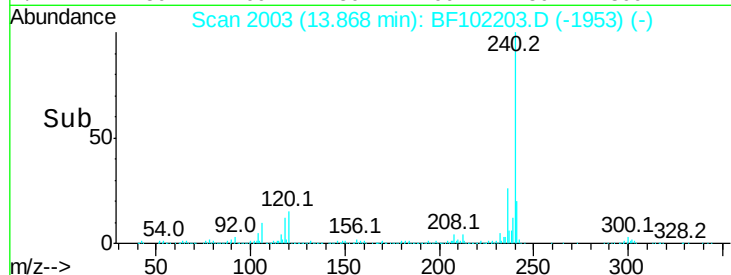
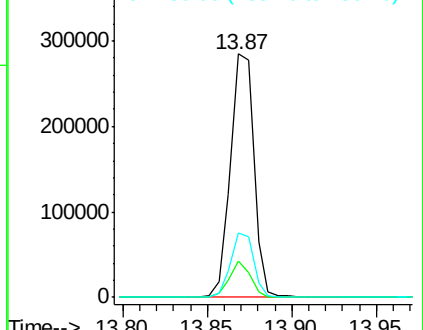
236 26.3 20.7 31.1



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: 44.032 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102203.D

Acq: 18 Jan 2018 20:33

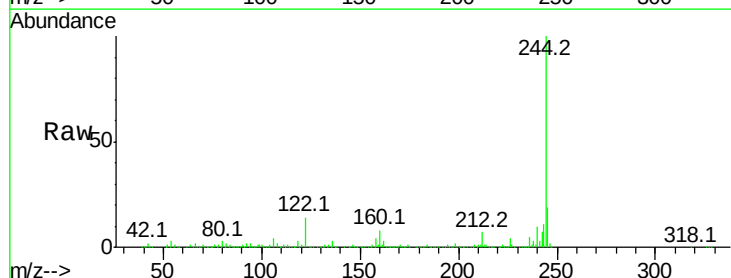
Tgt Ion:244 Resp: 585961

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

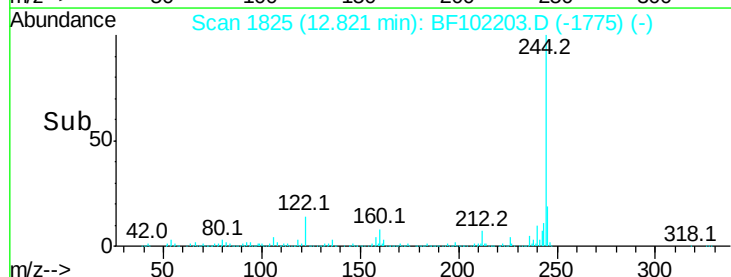
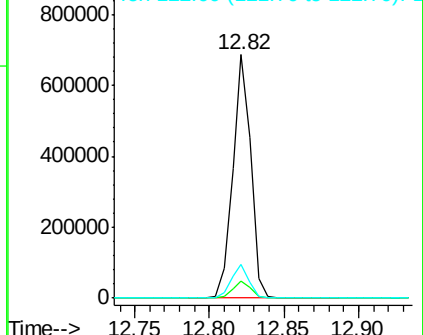
122 13.8 11.0 16.4

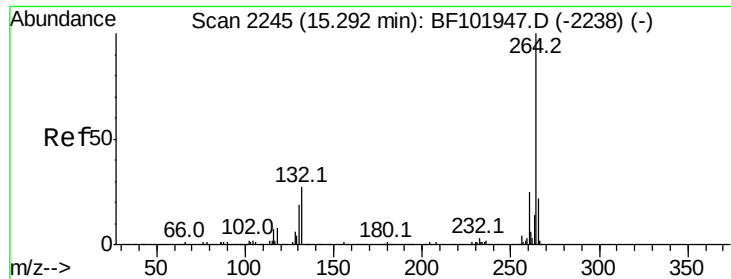


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

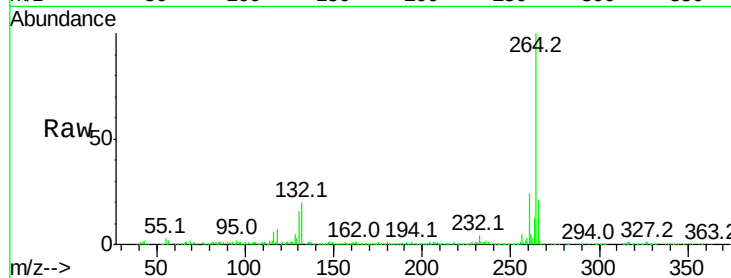




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF102203.D
Acq: 18 Jan 2018 20:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	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

