

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041118\
 Data File : BF104431.D
 Acq On : 11 Apr 2018 12:10
 Operator : JU/SJ
 Sample : J2310-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01

Quant Time: Apr 11 13:30:52 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 11 13:19:22 2018
 Response via : Initial Calibration

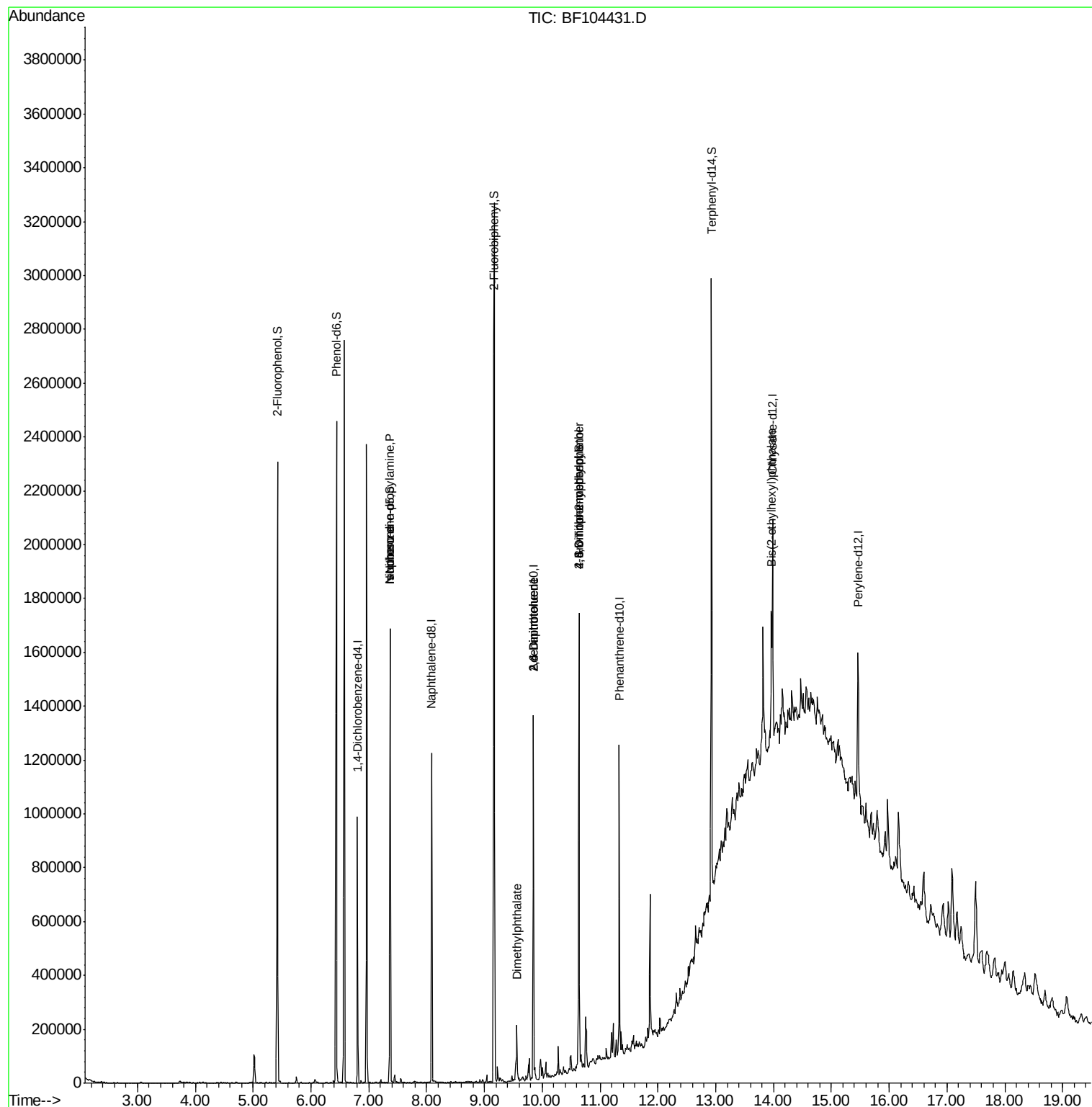
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	139493	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	564626	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	246190	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	380860	20.00	ng	0.00
75) Chrysene-d12	13.99	240	275848	20.00	ng	0.00
86) Perylene-d12	15.46	264	287281	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	758133	83.10	ng	0.01
7) Phenol-d6	6.44	99	948118	84.59	ng	0.00
23) Nitrobenzene-d5	7.37	82	582483	67.36	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	230845	90.39	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1054131	67.64	ng	0.00
78) Terphenyl-d14	12.93	244	803148	66.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	76650	10.465	ng	# 74
25) Isophorone	7.37	82	582472	31.855	ng	# 64
49) Dimethylphthalate	9.56	163	75120	3.869	ng	# 99
50) 2,6-Dinitrotoluene	9.85	165	31523	8.775	ng	# 26
56) 2,4-Dinitrotoluene	9.85	165	31523	6.690	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.64	198	389	7.525	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	13866	3.423	ng	# 1
76) Benzidine	12.82	184	607	Below Cal		# 1
83) Bis(2-ethylhexyl)phthalate	13.96	149	150465	12.144	ng	98

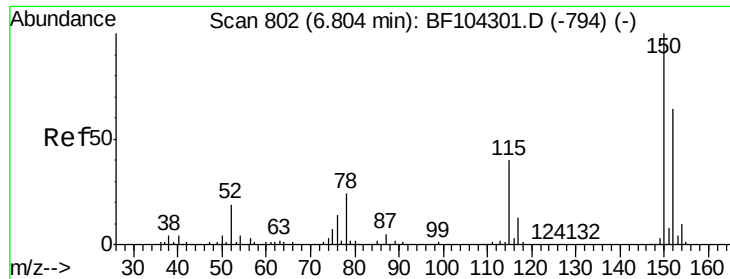
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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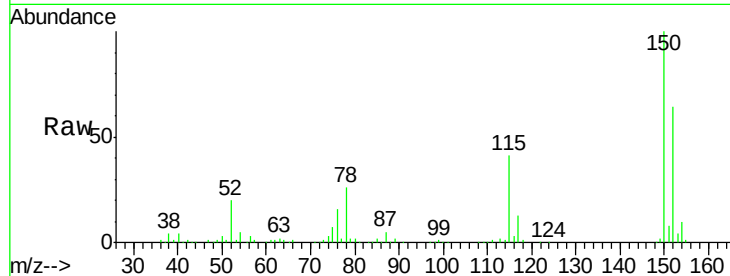


#1

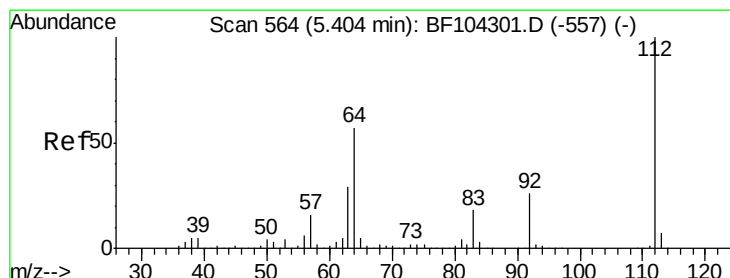
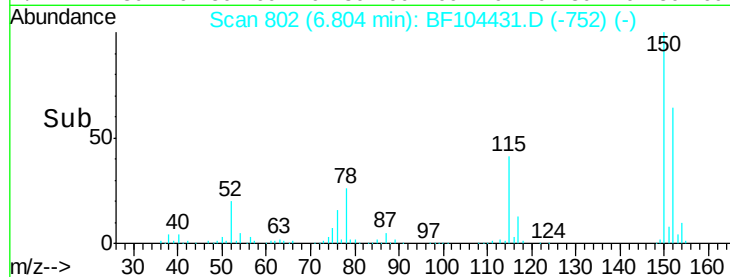
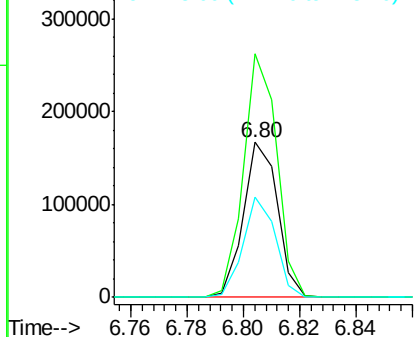
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF104431.D
Acq: 11 Apr 2018 12:10

Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01

Tgt Ion:152 Resp: 139493
Ion Ratio Lower Upper
152 100
150 157.3 124.6 186.8
115 65.0 50.1 75.1



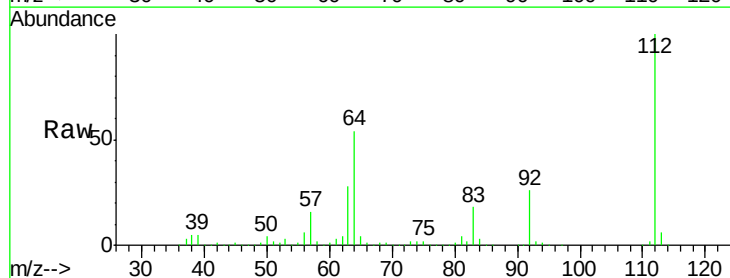
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



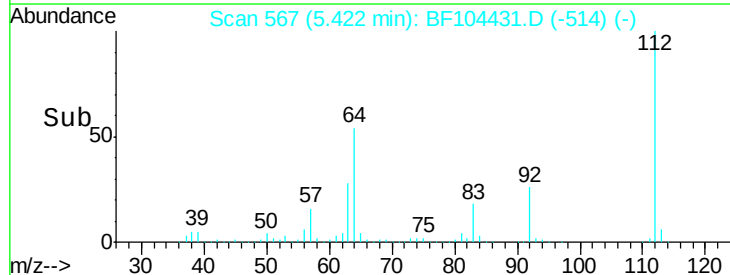
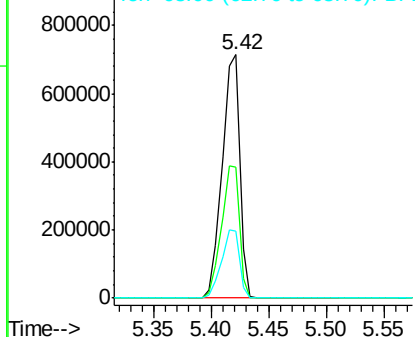
#5

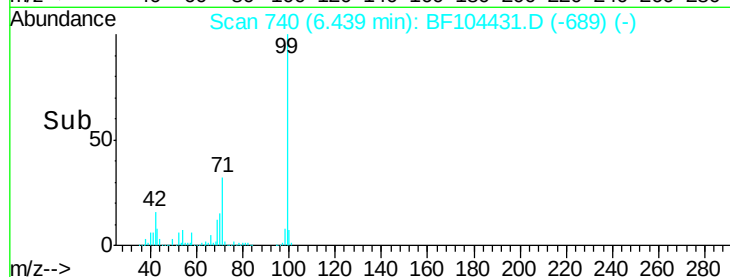
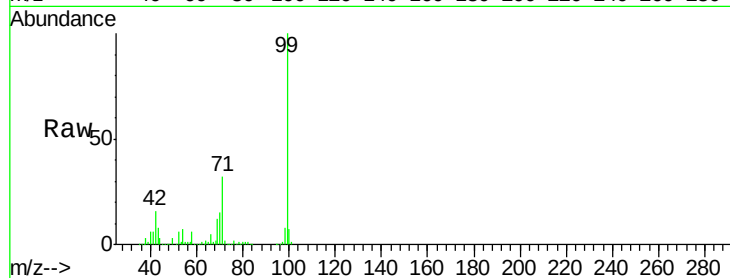
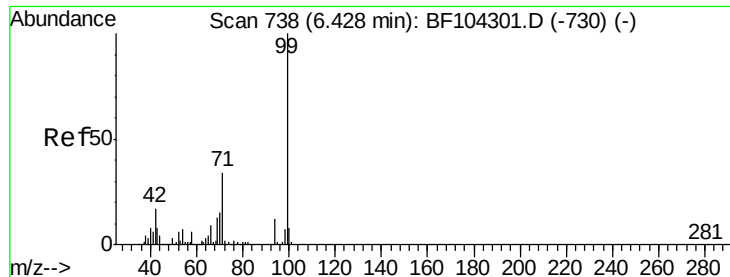
2-Fluorophenol
Concen: 83.103 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104431.D
Acq: 11 Apr 2018 12:10

Tgt Ion:112 Resp: 758133
Ion Ratio Lower Upper
112 100
64 53.9 47.9 71.9
63 27.8 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: 84.586 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01

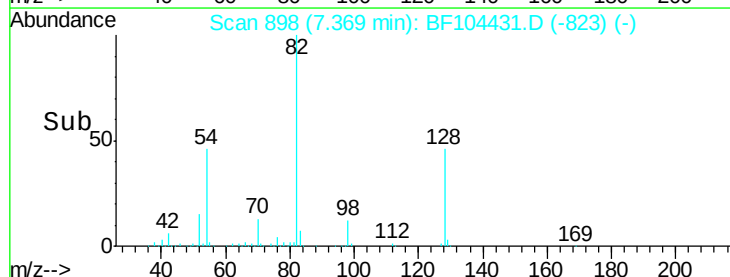
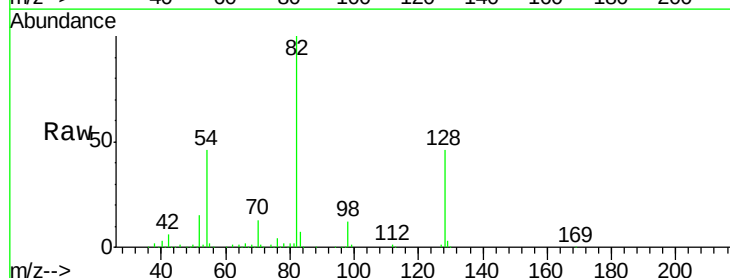
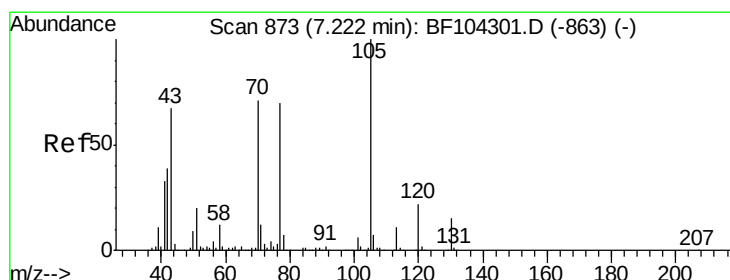
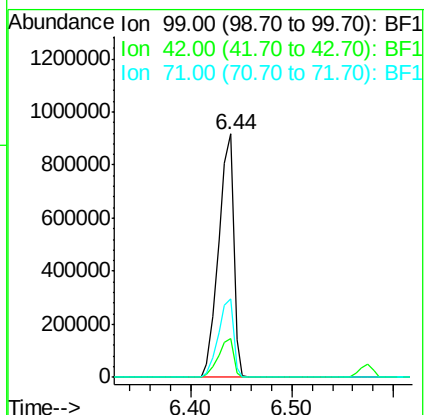
Tgt Ion: 99 Resp: 948118

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

71 32.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.465 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

Tgt Ion: 70 Resp: 76650

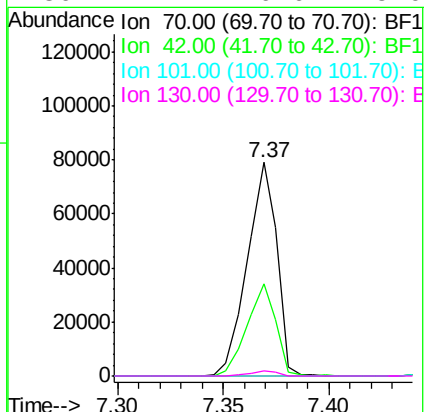
Ion Ratio Lower Upper

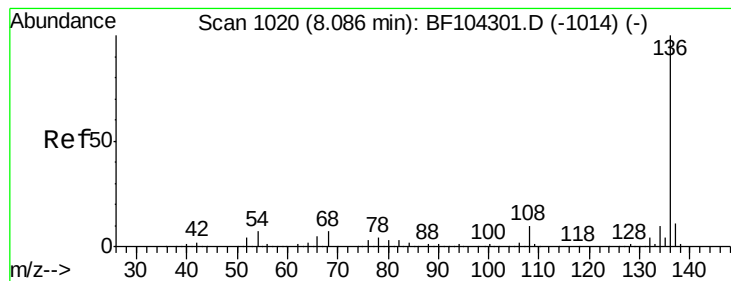
70 100

42 43.2 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: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01

Tgt Ion: 136 Resp: 564626

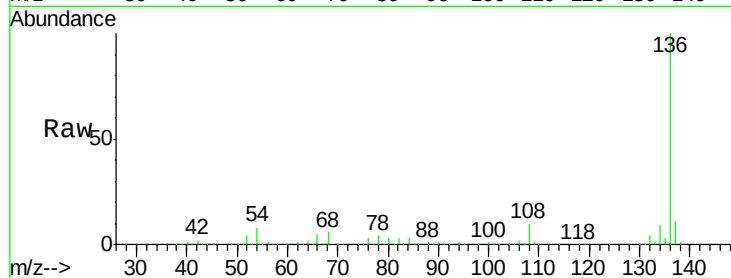
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 7.6 6.6 9.8

68 6.4 5.0 7.4

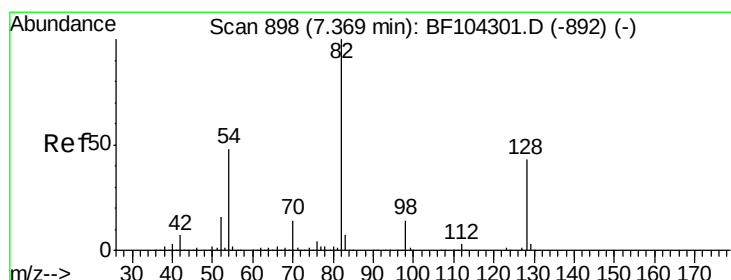
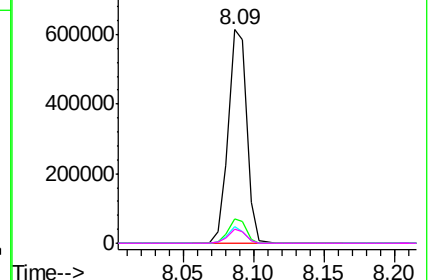
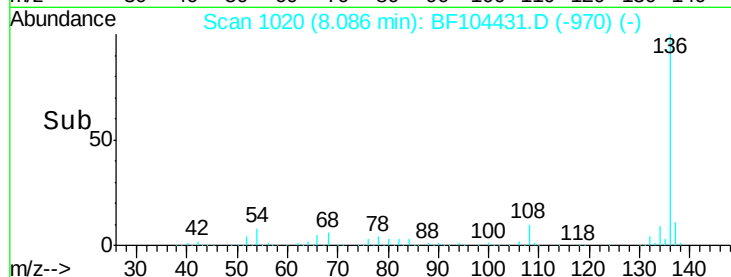


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 67.363 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

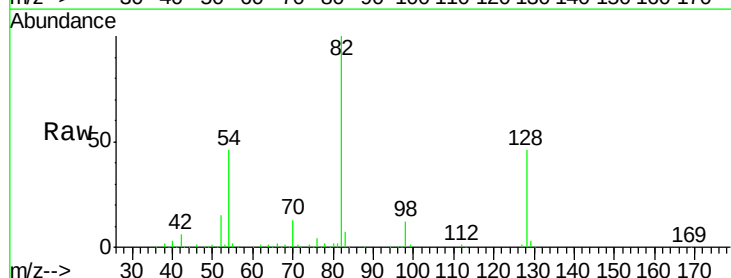
Tgt Ion: 82 Resp: 582483

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

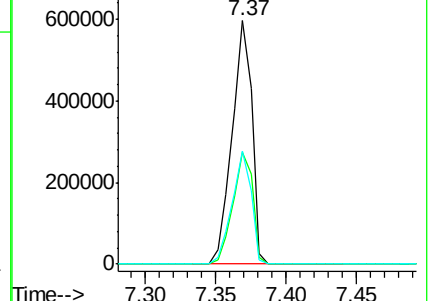
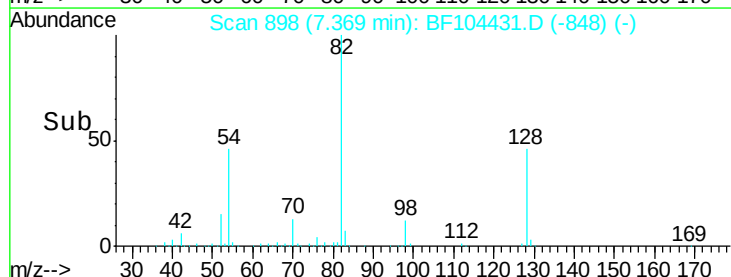
54 46.4 41.4 62.2

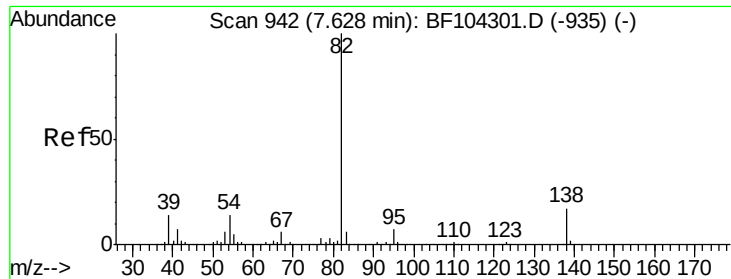


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

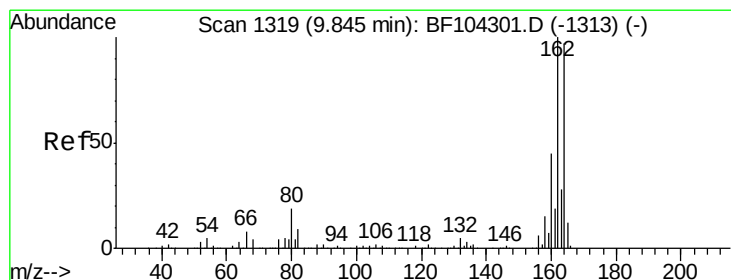
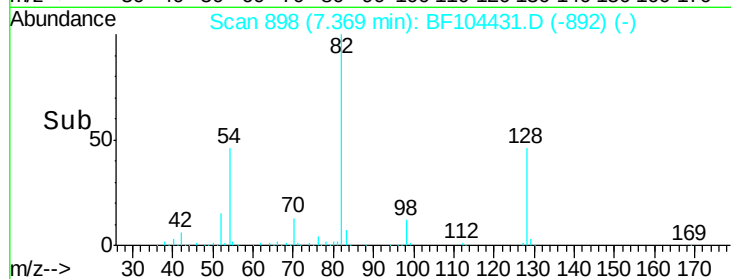
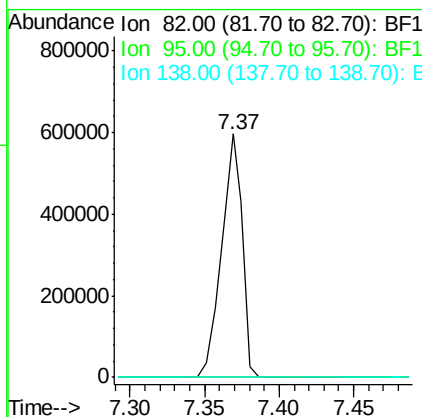
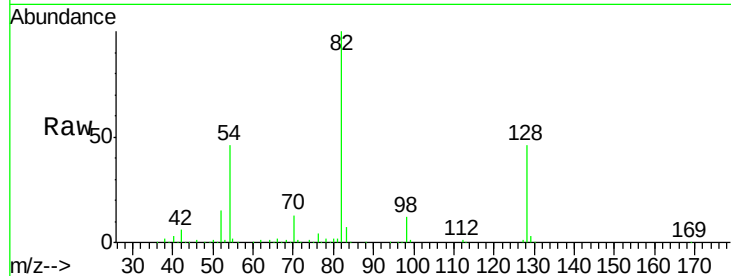




#25
Isophorone
Concen: 31.855 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104431.D
Acq: 11 Apr 2018 12:10

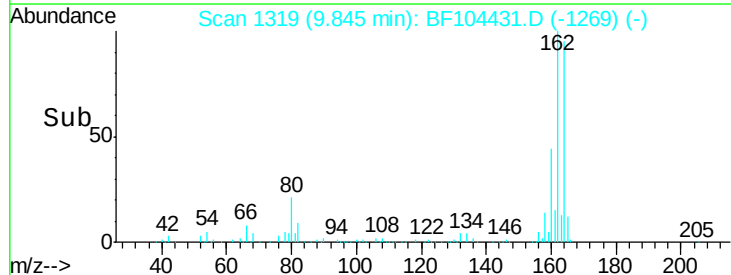
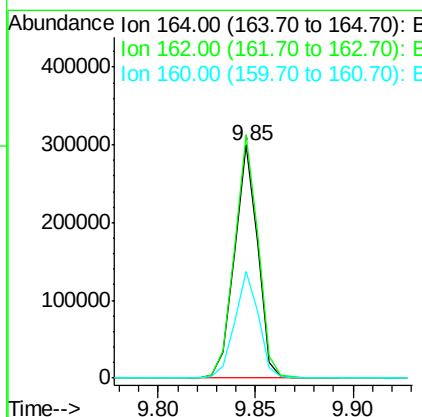
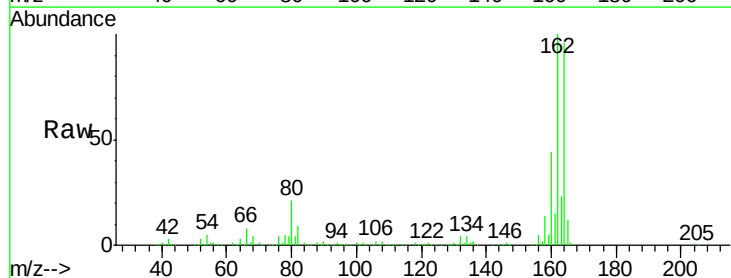
Instrument :
BNA_F
ClientSampleId :
P004-S003-0001-01

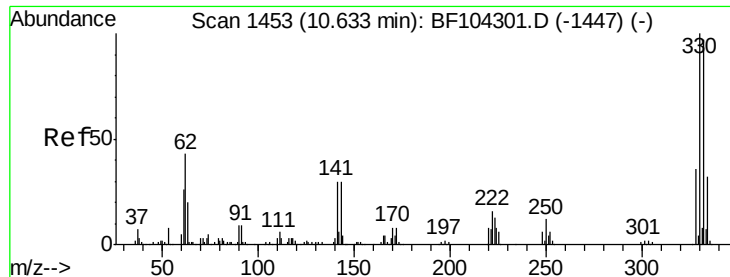
Tgt Ion: 82 Resp: 582472
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104431.D
Acq: 11 Apr 2018 12:10

Tgt Ion: 164 Resp: 246190
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 45.7 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 90.393 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01

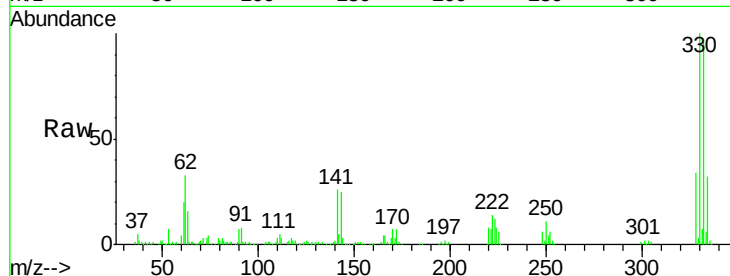
Tgt Ion:330 Resp: 230845

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

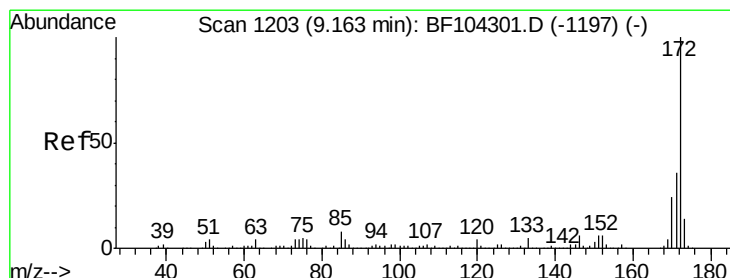
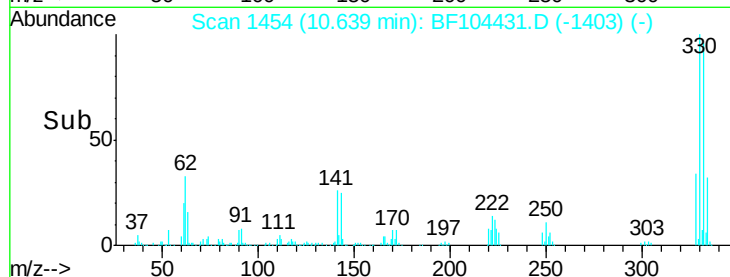
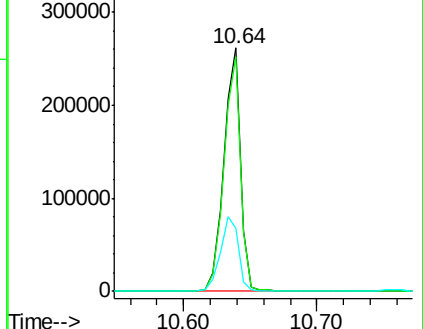
141 34.1 29.9 44.9



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: 67.641 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

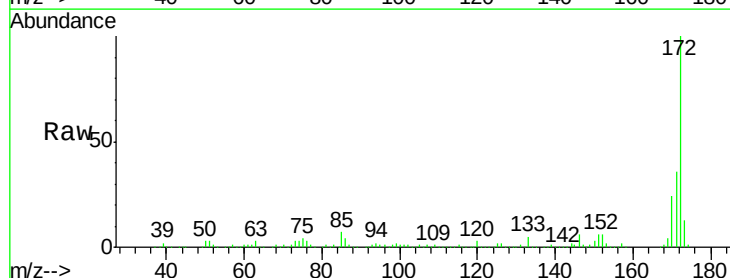
Tgt Ion:172 Resp: 1054131

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

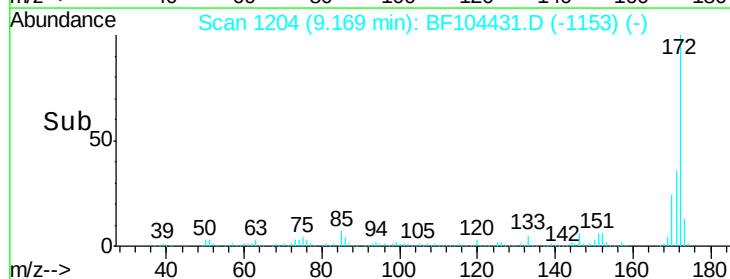
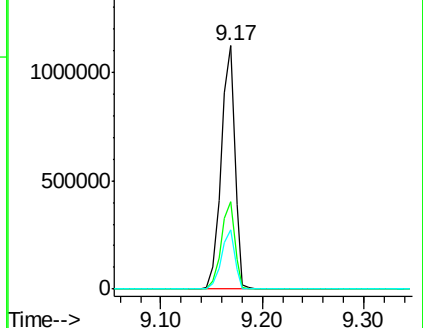
170 24.2 19.6 29.4

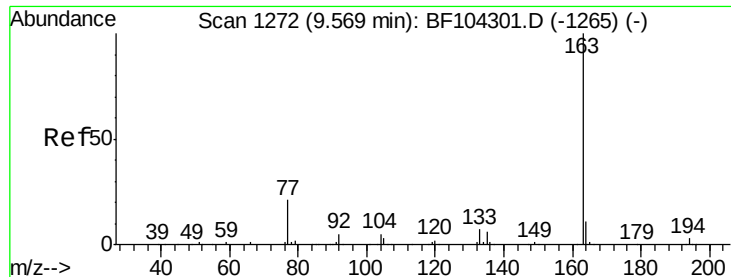


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

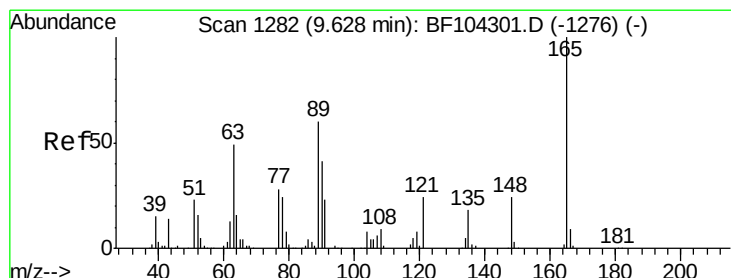
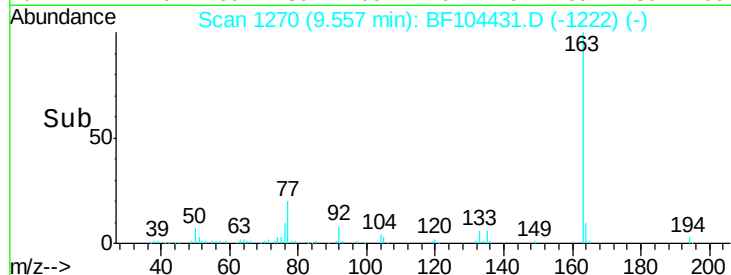
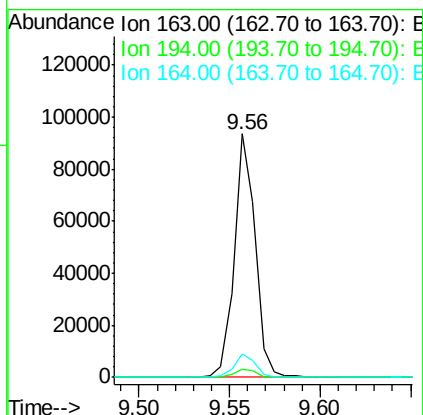
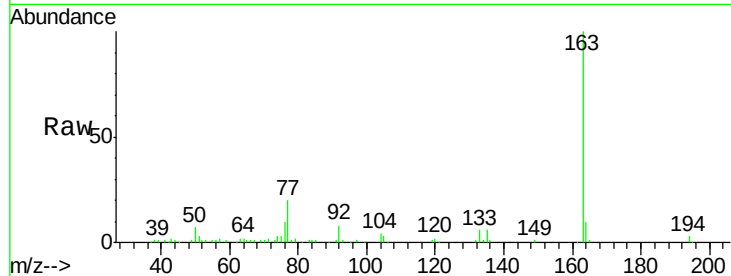




#49
Dimethylphthalate
Concen: 3.869 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104431.D
Acq: 11 Apr 2018 12:10

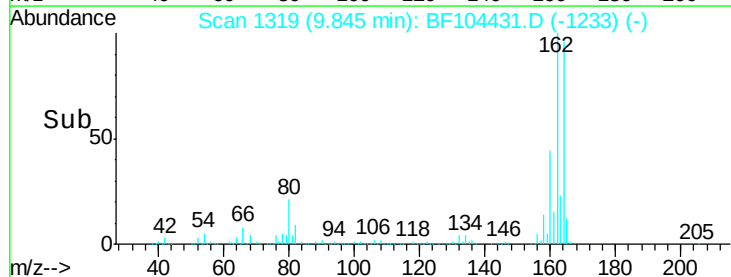
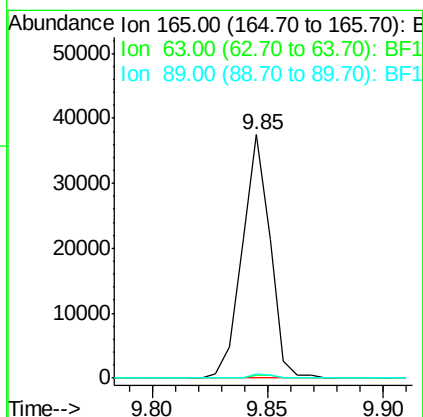
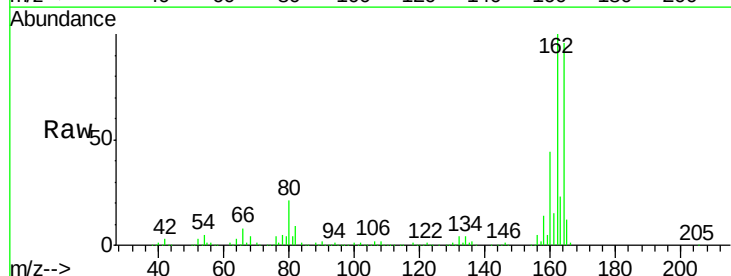
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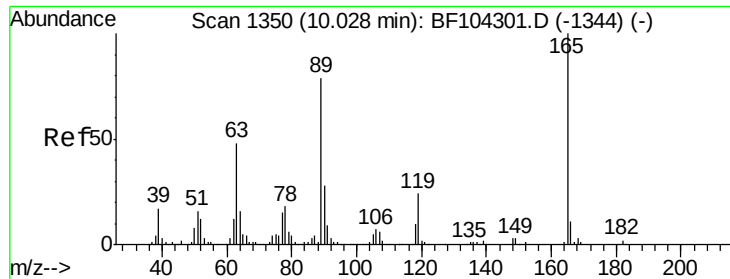
Tgt Ion:163 Resp: 75120
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.8 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.775 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104431.D
Acq: 11 Apr 2018 12:10

Tgt Ion:165 Resp: 31523
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.8 44.0 66.0#

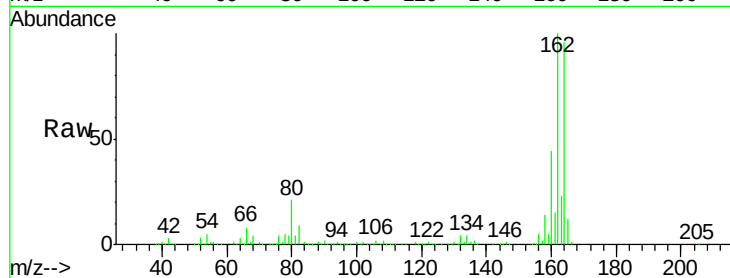




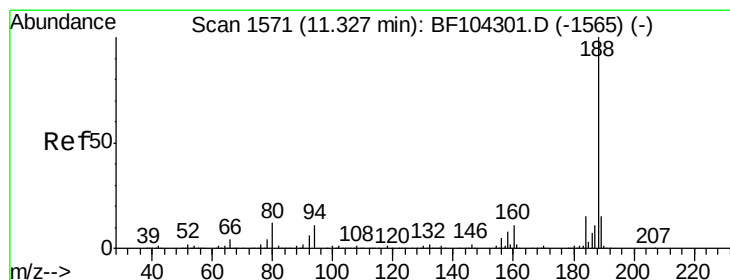
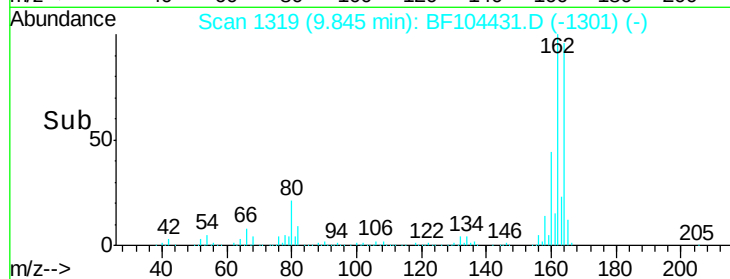
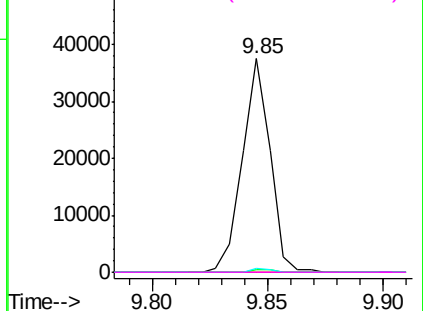
#56
 2,4-Dinitrotoluene
 Concen: 6.690 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.19 min
 Lab File: BF104431.D
 Acq: 11 Apr 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01

Tgt Ion:165 Resp: 31523
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.4 54.6#
 89 1.8 57.8 86.6#
 182 0.0 1.6 2.4#

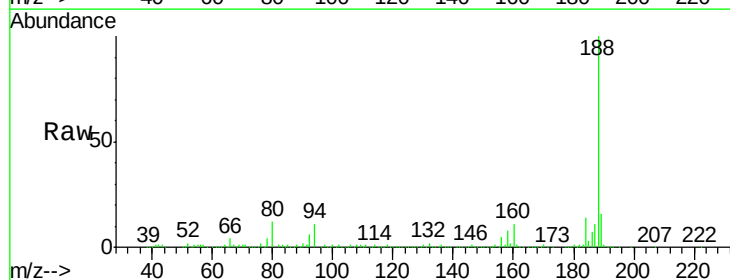


Abundance Ion 165.00 (164.70 to 165.70): E

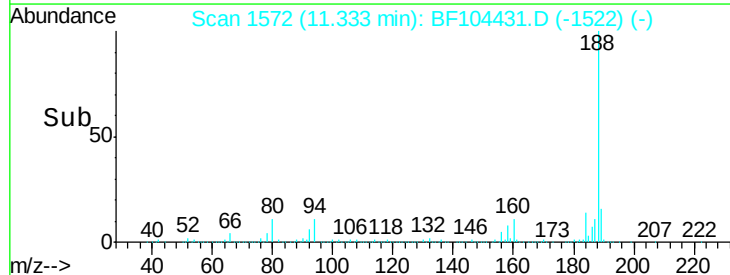
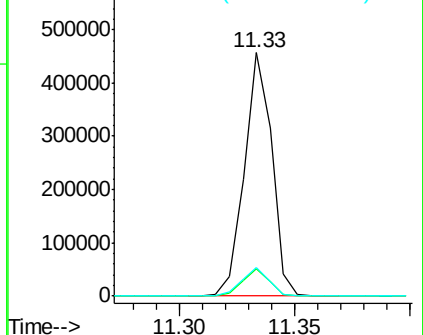


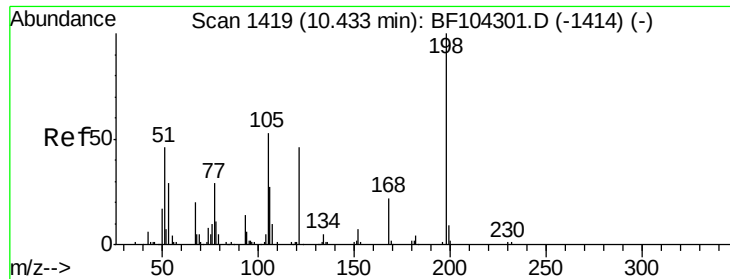
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF104431.D
 Acq: 11 Apr 2018 12:10

Tgt Ion:188 Resp: 380860
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 11.6 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

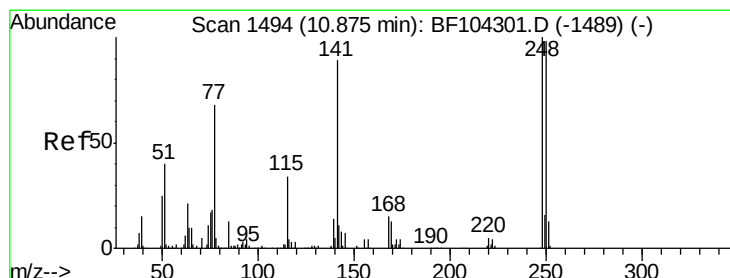
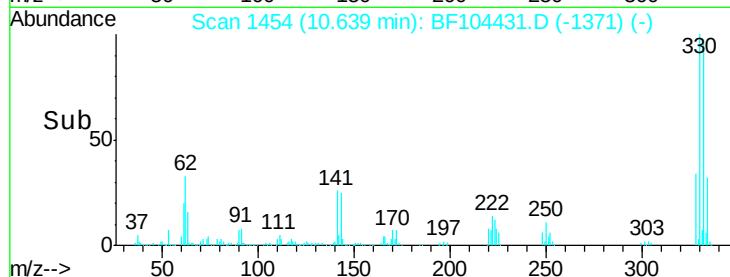
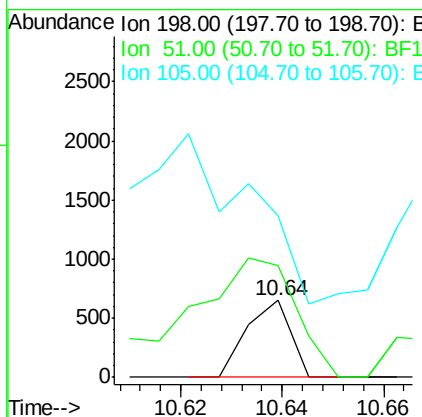
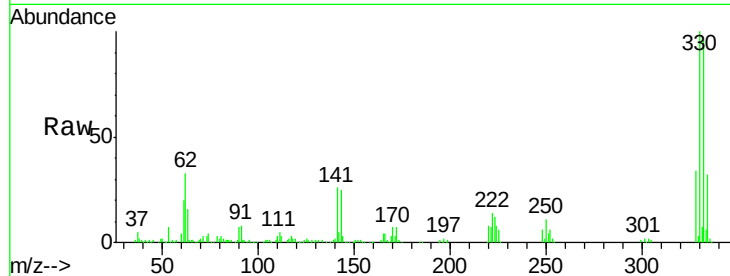




#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.525 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF104431.D
 Acq: 11 Apr 2018 12:10

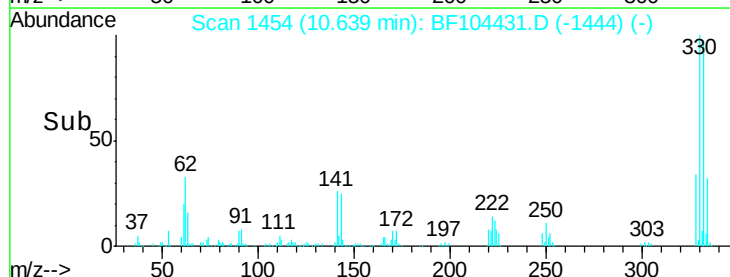
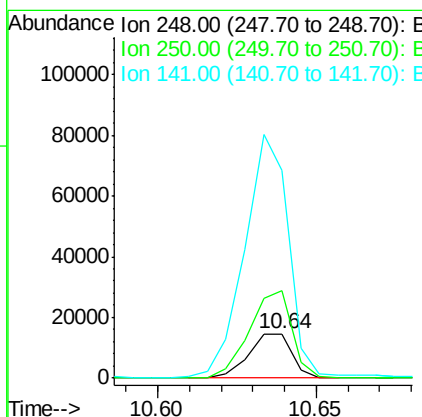
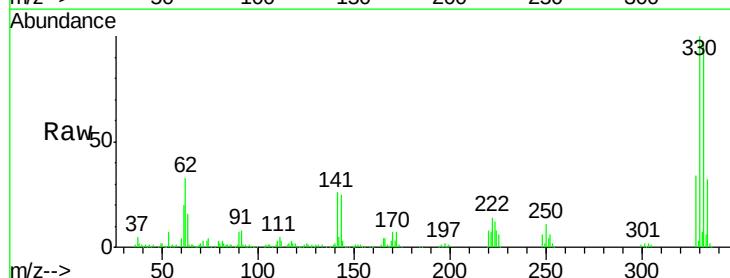
Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01

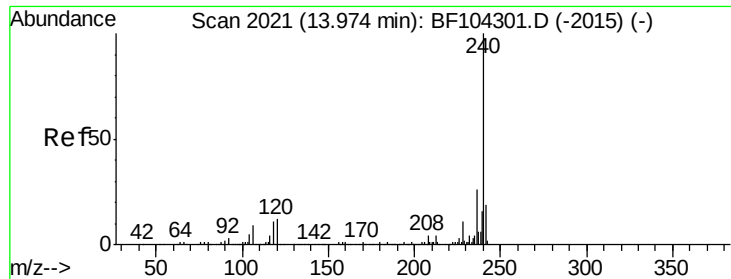
Tgt Ion:198 Resp: 389
 Ion Ratio Lower Upper
 198 100
 51 146.1 37.7 77.7#
 105 210.8 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.423 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF104431.D
 Acq: 11 Apr 2018 12:10

Tgt Ion:248 Resp: 13866
 Ion Ratio Lower Upper
 248 100
 250 198.4 76.9 115.3#
 141 471.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

Instrument :

BNA_F

ClientSampleId :

P004-S003-0001-01

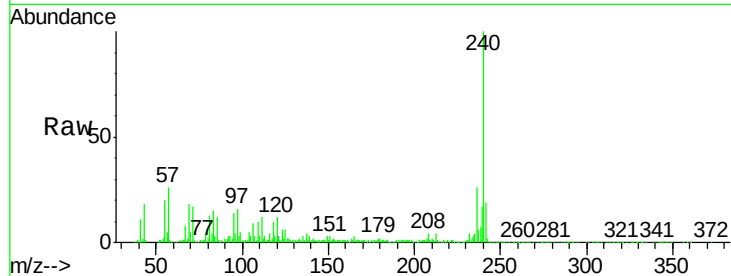
Tgt Ion:240 Resp: 275848

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

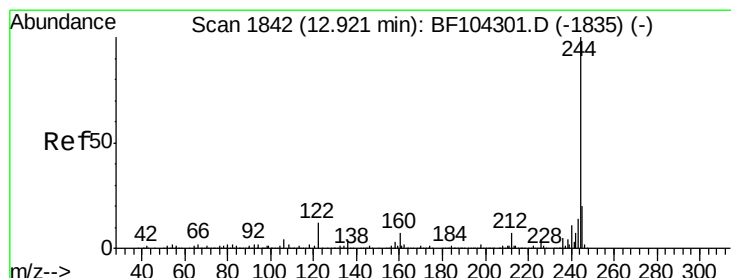
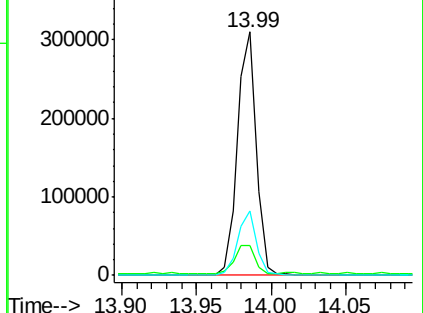
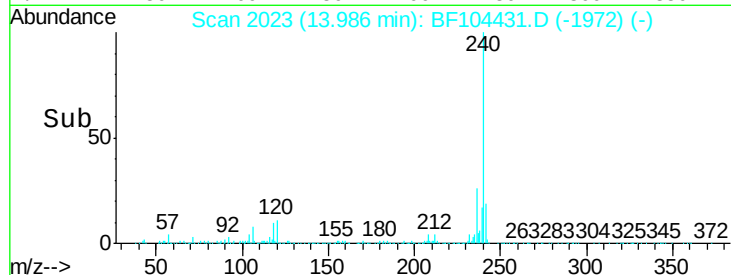
236 26.3 20.7 31.1



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: 66.379 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104431.D

Acq: 11 Apr 2018 12:10

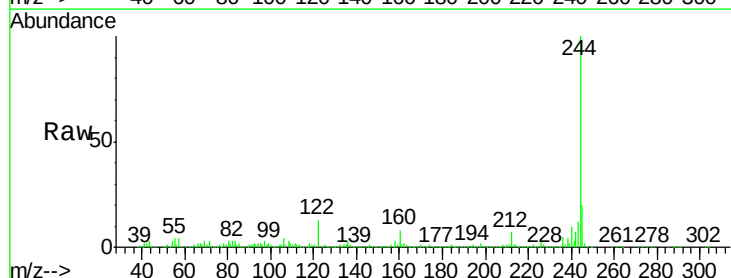
Tgt Ion:244 Resp: 803148

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

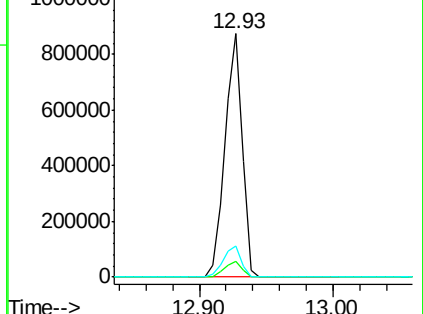
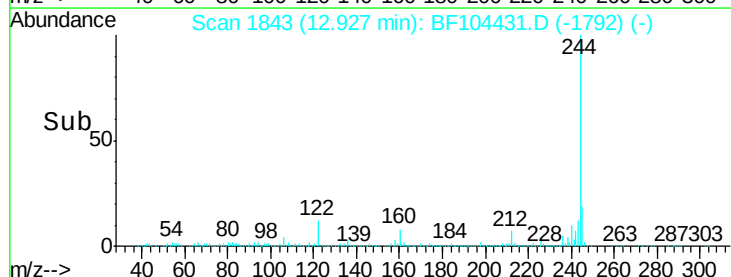
122 12.6 11.0 16.4

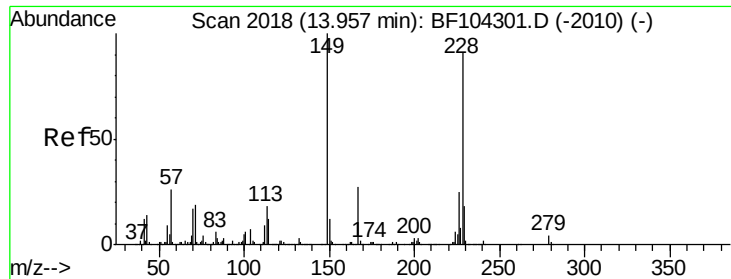


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

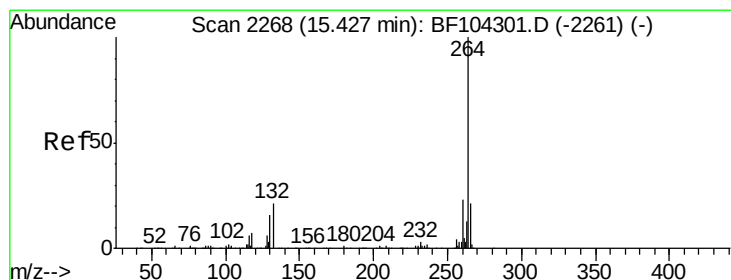
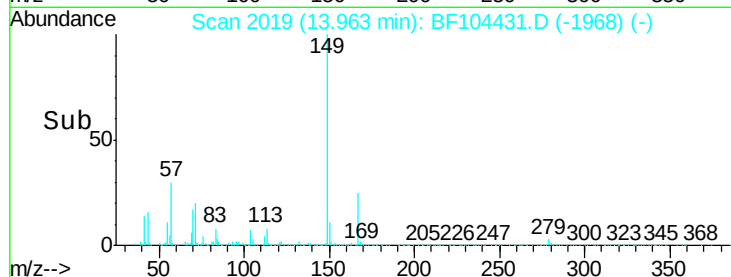
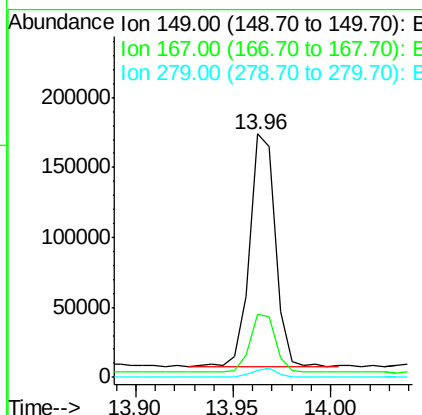
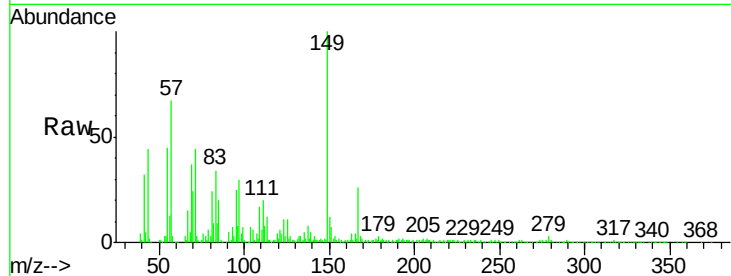




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 12.144 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF104431.D
 Acq: 11 Apr 2018 12:10

Instrument :
 BNA_F
 ClientSampleId :
 P004-S003-0001-01

Tgt Ion:149 Resp: 150465
 Ion Ratio Lower Upper
 149 100
 167 25.8 21.3 31.9
 279 3.0 3.0 4.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.02 min
 Lab File: BF104431.D
 Acq: 11 Apr 2018 12:10

Tgt Ion:264 Resp: 287281
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.4 17.5 26.3

