

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041018\
 Data File : BF104404.D
 Acq On : 10 Apr 2018 13:15
 Operator : JU/SJ
 Sample : J2280-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S1

Quant Time: Apr 10 14:36:09 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 12:04:31 2018
 Response via : Initial Calibration

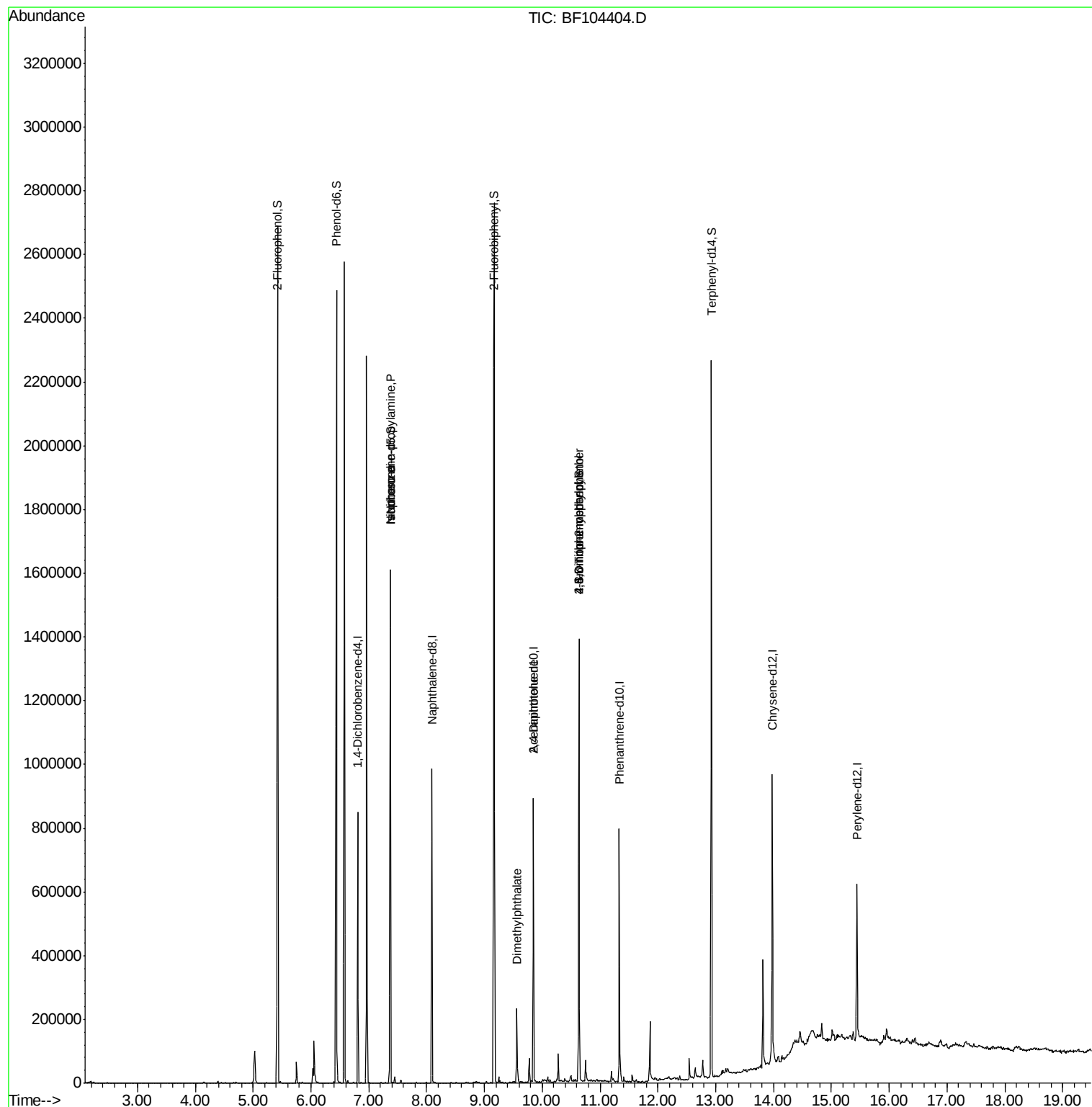
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	116693	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	427279	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	160125	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	259791	20.00	ng	0.00
75) Chrysene-d12	13.98	240	282187	20.00	ng	0.00
86) Perylene-d12	15.44	264	216444	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	788041	103.26	ng	0.01
7) Phenol-d6	6.44	99	932225	99.42	ng	0.00
23) Nitrobenzene-d5	7.37	82	552257	84.40	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	170153	102.44	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	865294	85.37	ng	0.00
78) Terphenyl-d14	12.93	244	768112	62.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	72446	11.823	ng	# 72
25) Isophorone	7.37	82	552031	39.895	ng	# 64
49) Dimethylphthalate	9.56	163	92077	7.292	ng	# 99
56) 2,4-Dinitrotoluene	9.85	165	19982	6.520	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.63	198	317	7.559	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	10737	3.886	ng	# 1
76) Benzydine	12.92	184	10308	Below Cal		# 93

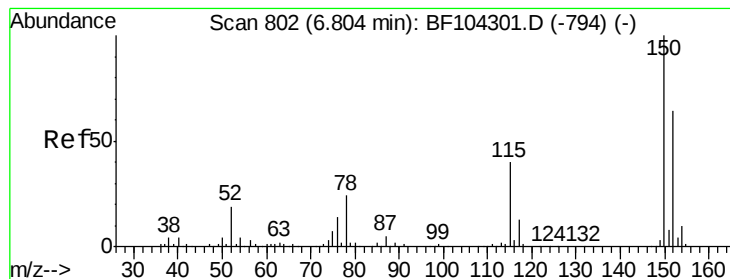
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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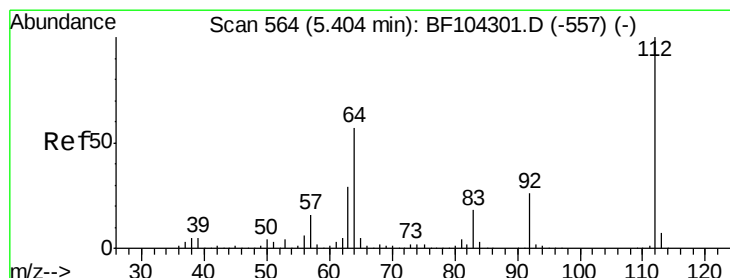
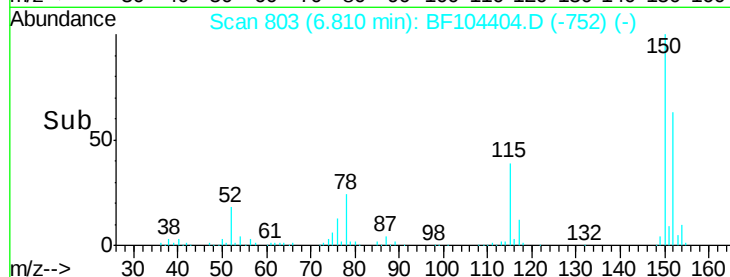
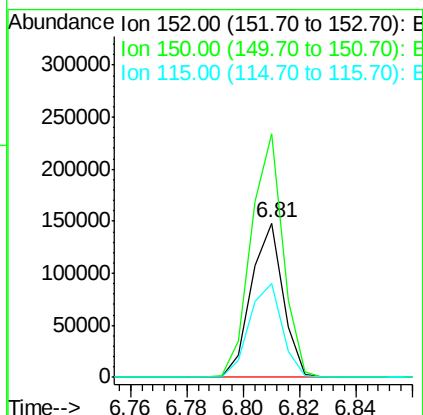
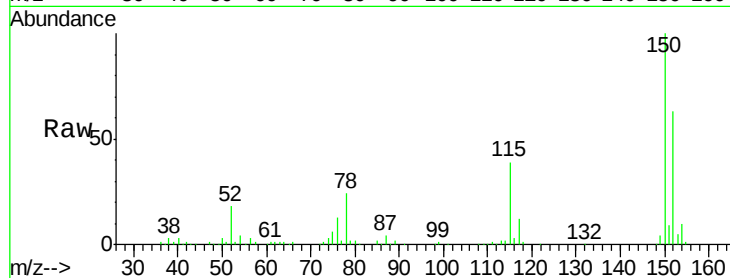




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.81 min Scan# 803
 Delta R.T. 0.00 min
 Lab File: BF104404.D
 Acq: 10 Apr 2018 13:15

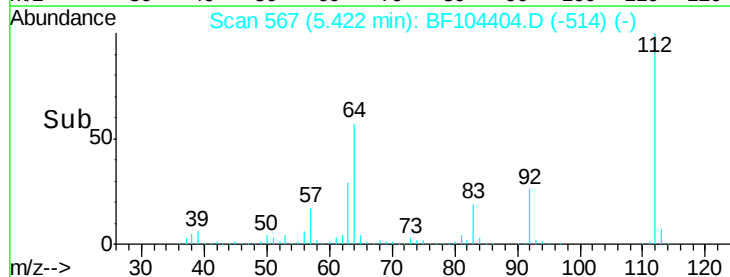
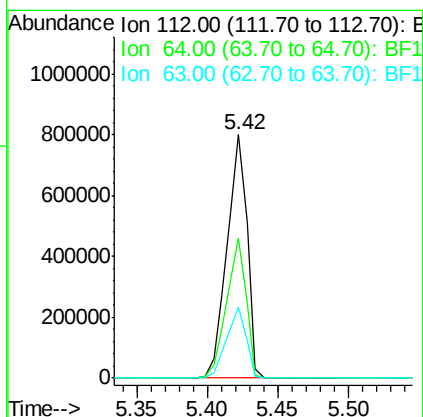
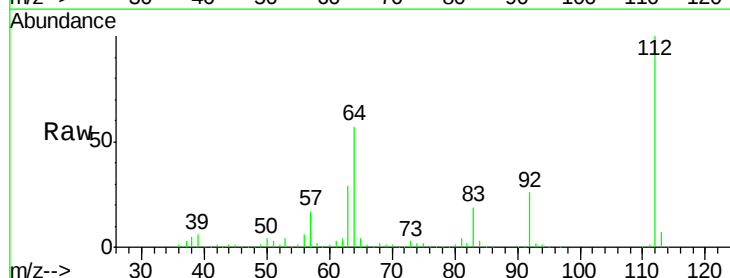
Instrument :
 BNA_F
 ClientSampleId :
 S1

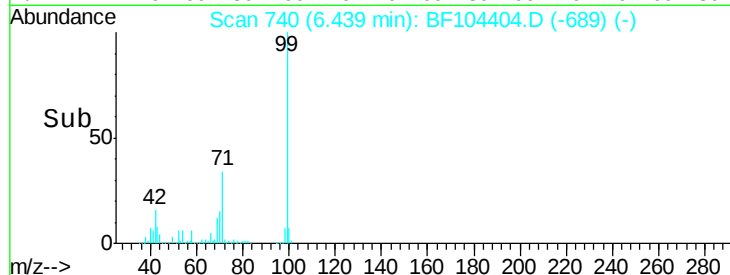
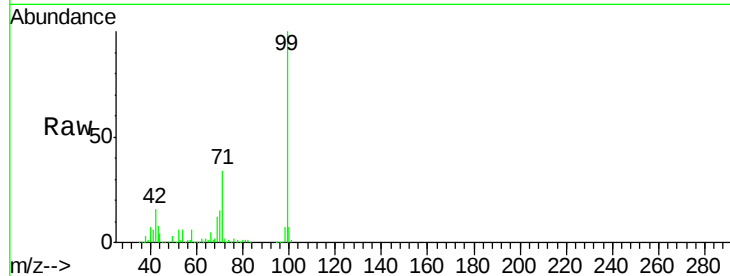
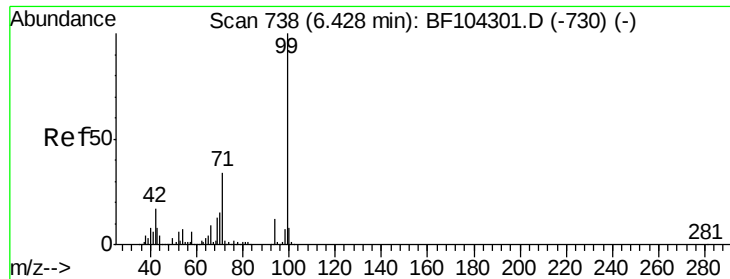
Tgt Ion:152 Resp: 116693
 Ion Ratio Lower Upper
 152 100
 150 157.6 124.6 186.8
 115 61.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 103.259 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF104404.D
 Acq: 10 Apr 2018 13:15

Tgt Ion:112 Resp: 788041
 Ion Ratio Lower Upper
 112 100
 64 57.3 47.9 71.9
 63 29.2 23.7 35.5





#7

Phenol-d6

Concen: 99.417 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF104404.D

Acq: 10 Apr 2018 13:15

Instrument :

BNA_F

ClientSampleId :

S1

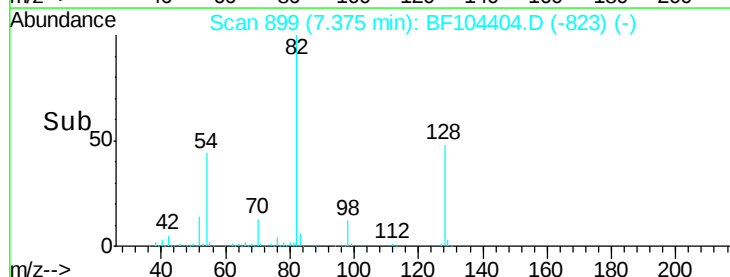
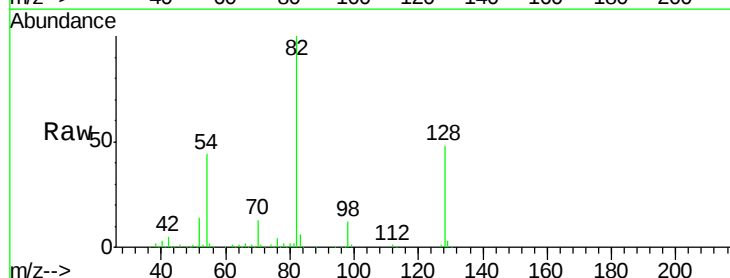
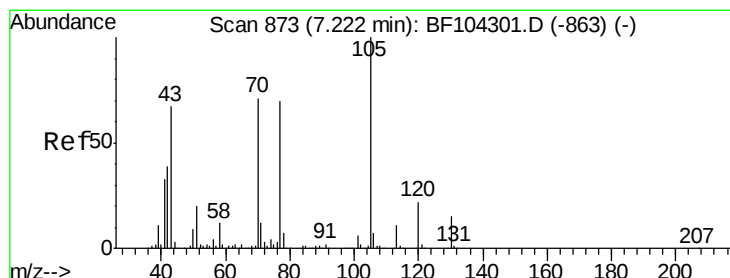
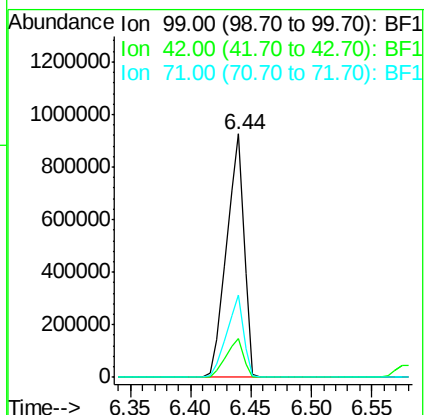
Tgt Ion: 99 Resp: 932225

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 33.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.823 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104404.D

Acq: 10 Apr 2018 13:15

Tgt Ion: 70 Resp: 72446

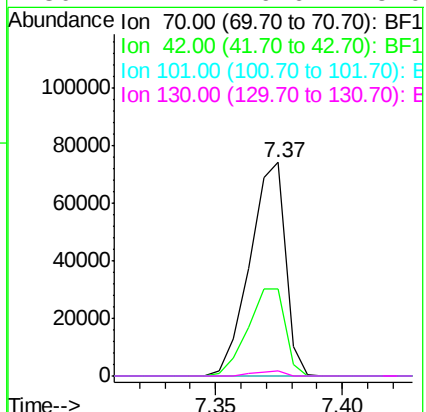
Ion Ratio Lower Upper

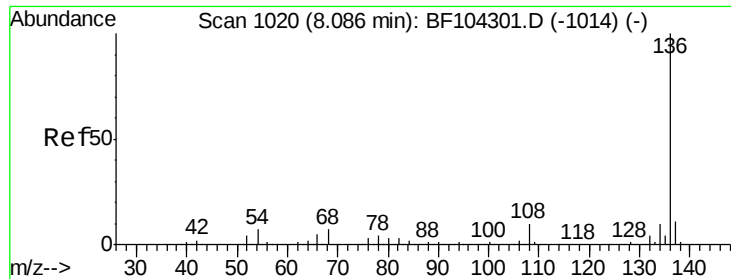
70 100

42 40.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

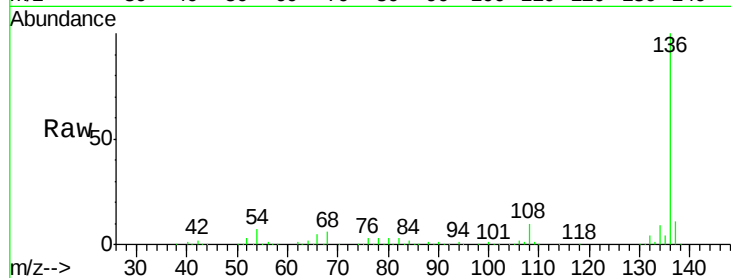




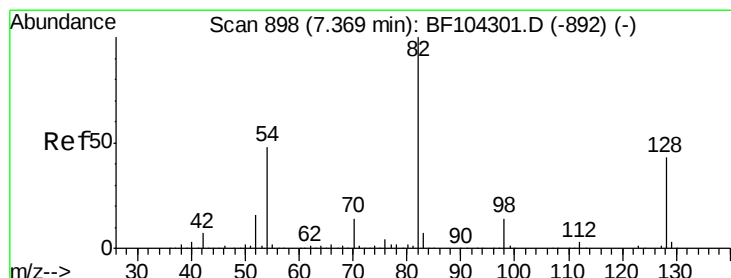
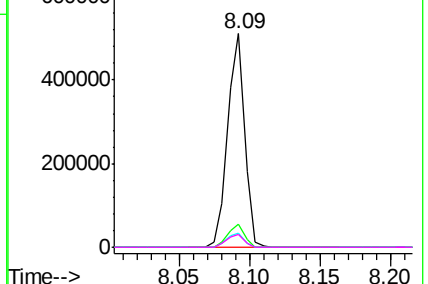
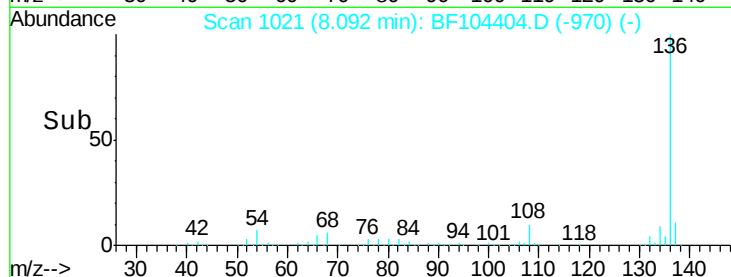
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF104404.D
Acq: 10 Apr 2018 13:15

Instrument :
BNA_F
ClientSampleId :
S1

Tgt Ion:	136	Resp:	427279
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	6.5	6.6	9.8#
68	5.9	5.0	7.4

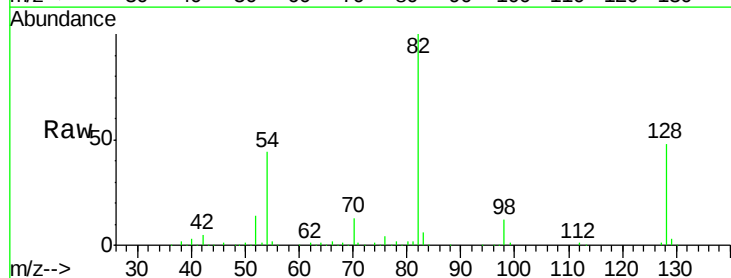


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

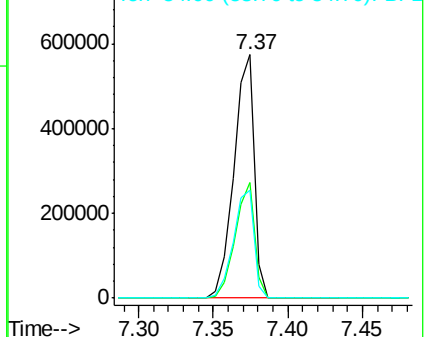
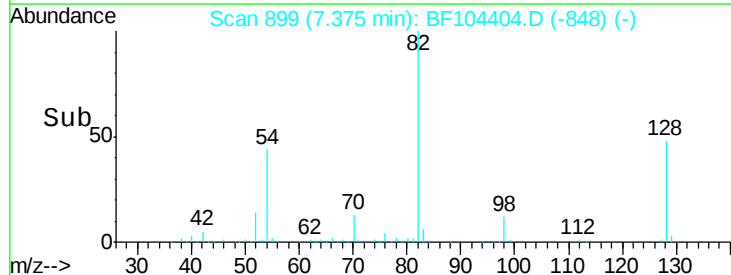


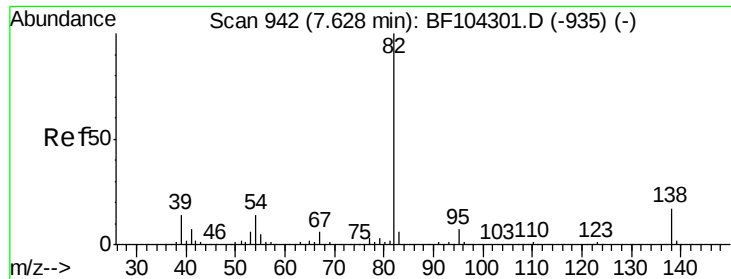
#23
Nitrobenzene-d5
Concen: 84.398 ng
RT: 7.37 min Scan# 899
Delta R.T. 0.00 min
Lab File: BF104404.D
Acq: 10 Apr 2018 13:15

Tgt Ion:	82	Resp:	552257
Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.1	54.1
54	44.2	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: 39.895 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF104404.D

Acq: 10 Apr 2018 13:15

Instrument :

BNA_F

ClientSampleId :

S1

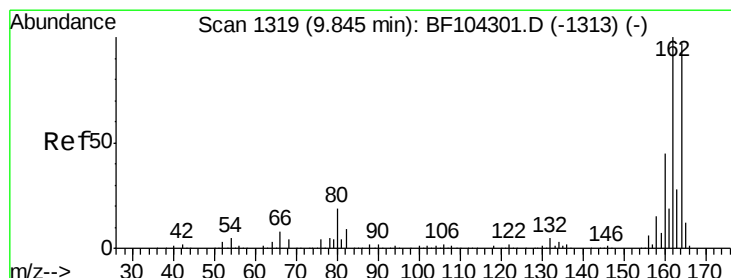
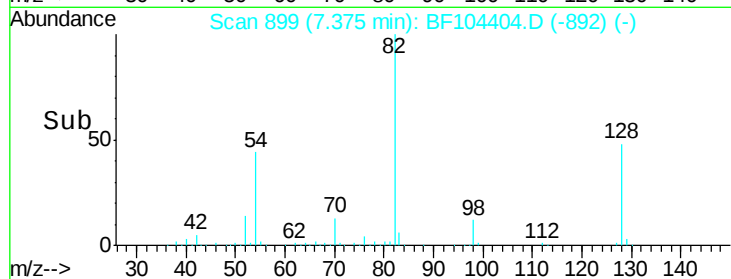
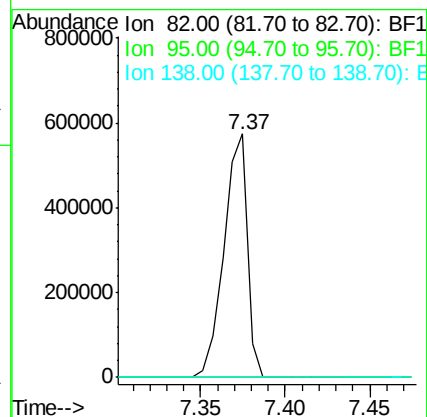
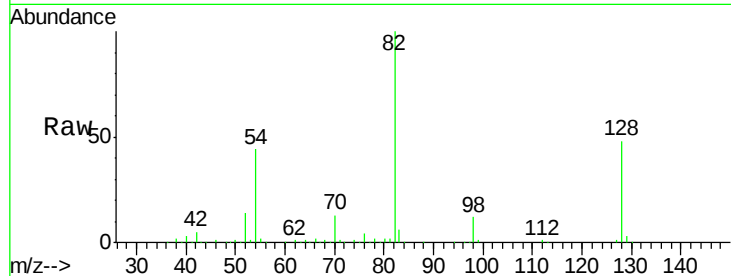
Tgt Ion: 82 Resp: 552031

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: BF104404.D

Acq: 10 Apr 2018 13:15

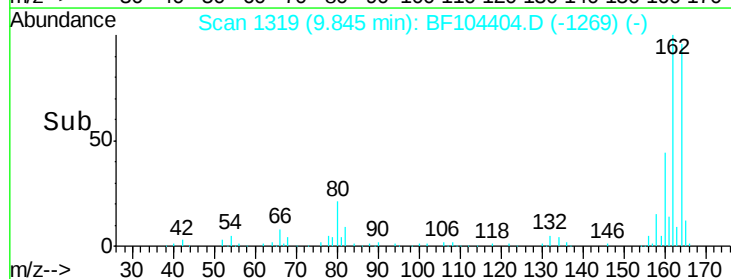
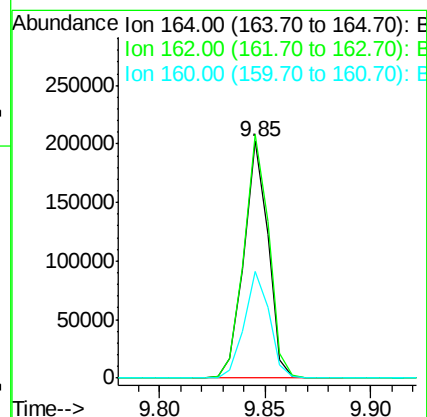
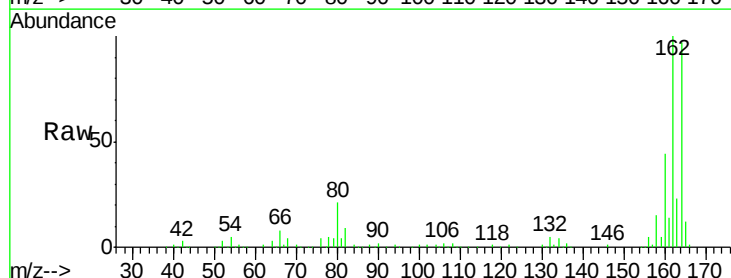
Tgt Ion: 164 Resp: 160125

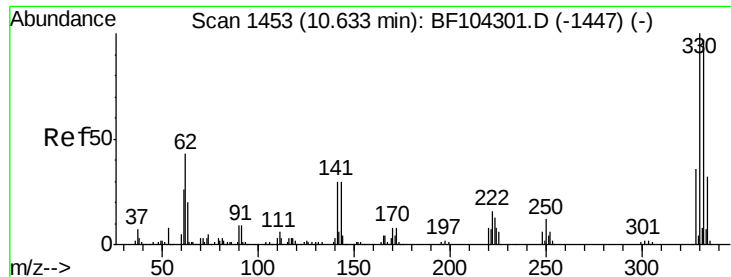
Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

160 45.2 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 102.439 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF104404.D

Acq: 10 Apr 2018 13:15

Instrument :

BNA_F

ClientSampleId :

S1

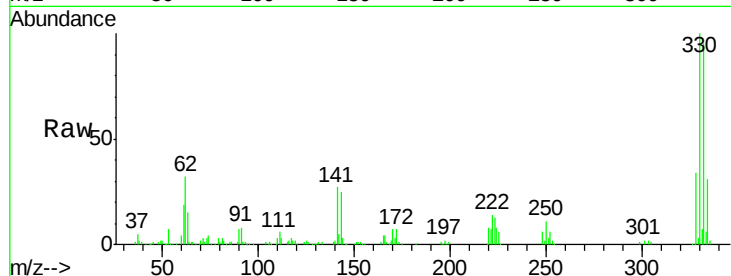
Tgt Ion:330 Resp: 170153

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

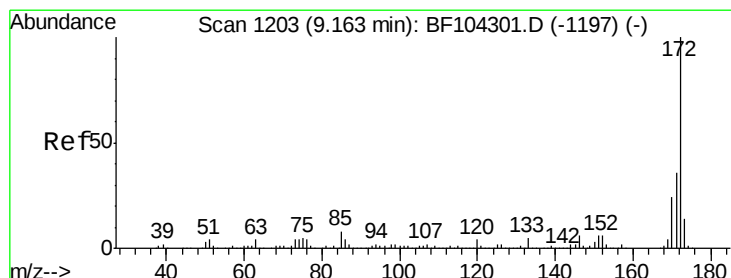
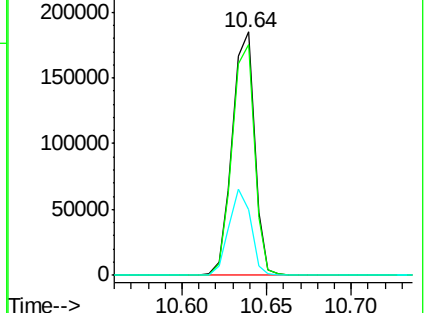
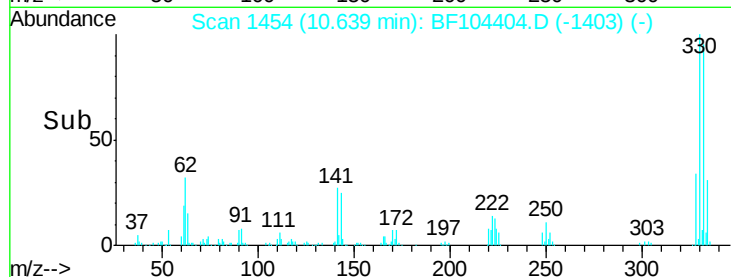
141 34.7 29.9 44.9



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: 85.368 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF104404.D

Acq: 10 Apr 2018 13:15

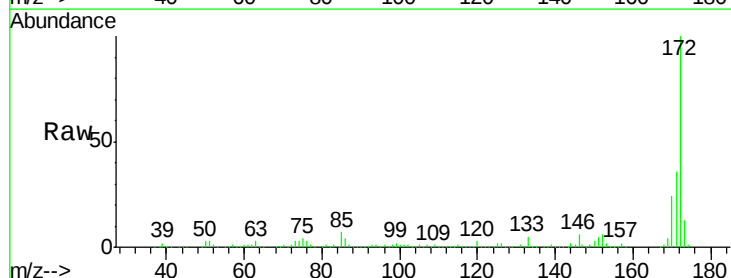
Tgt Ion:172 Resp: 865294

Ion Ratio Lower Upper

172 100

171 36.0 29.7 44.5

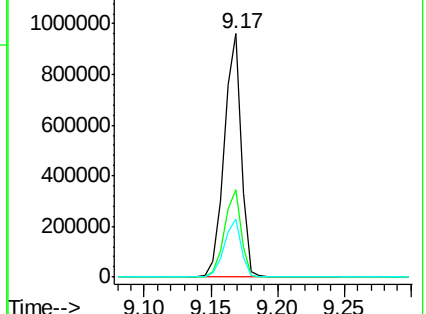
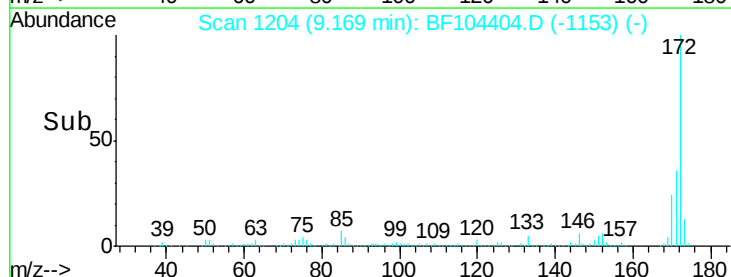
170 23.9 19.6 29.4

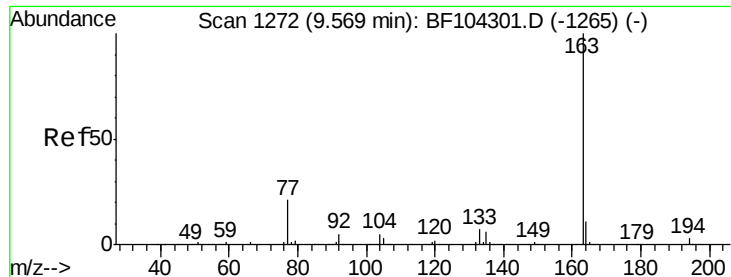


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

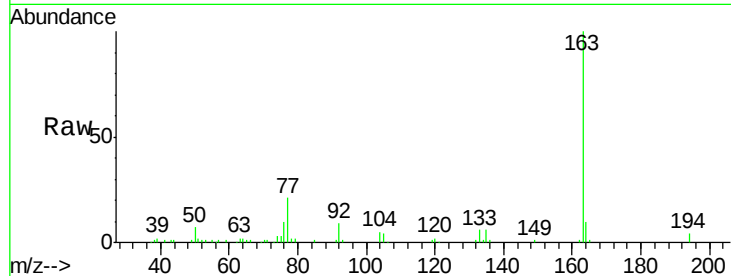




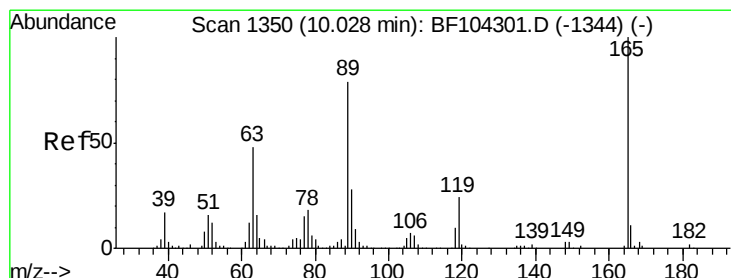
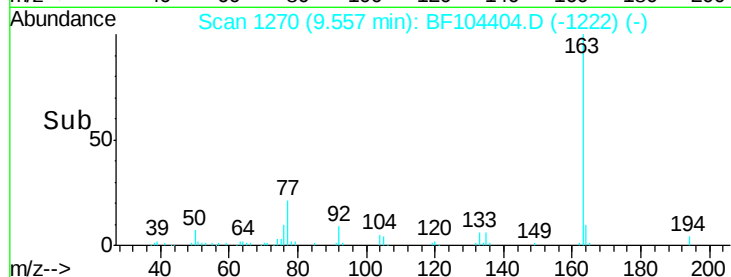
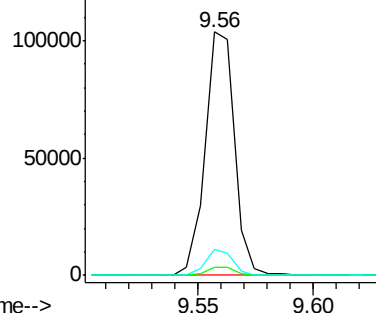
#49
Dimethylphthalate
Concen: 7.292 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.02 min
Lab File: BF104404.D
Acq: 10 Apr 2018 13:15

Instrument :
BNA_F
ClientSampled :
S1

Tgt Ion:163 Resp: 92077
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.2 12.2

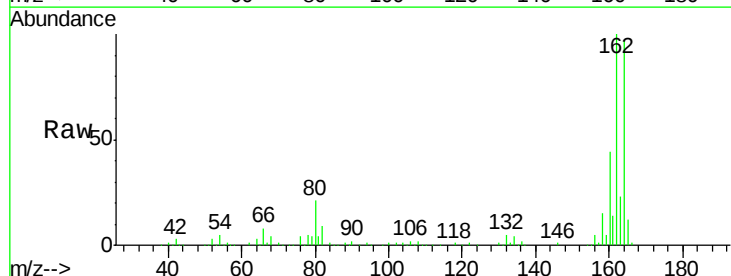


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

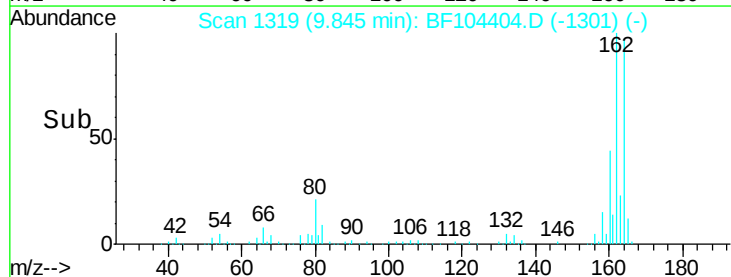
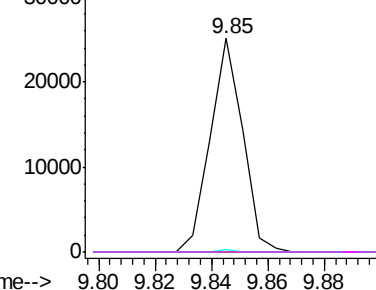


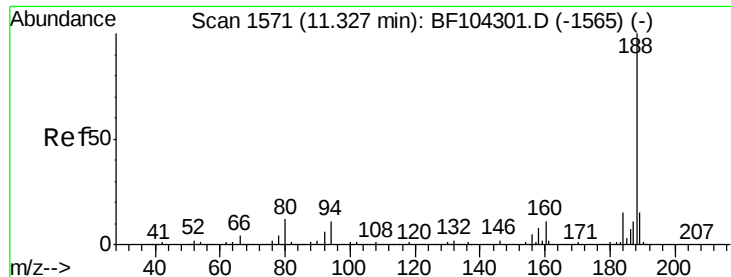
#56
2,4-Dinitrotoluene
Concen: 6.520 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF104404.D
Acq: 10 Apr 2018 13:15

Tgt Ion:165 Resp: 19982
Ion Ratio Lower Upper
165 100
63 0.0 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

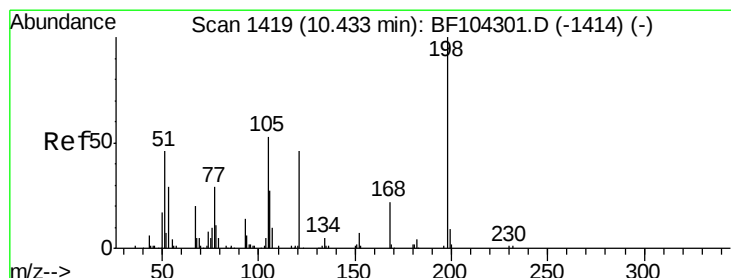
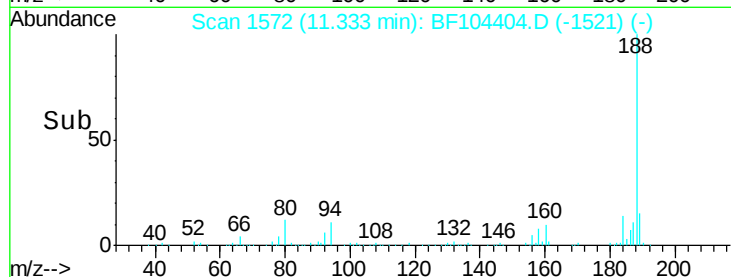
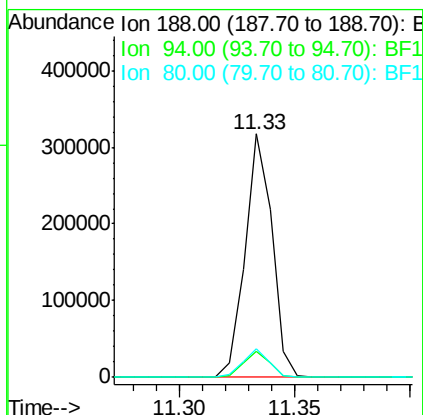
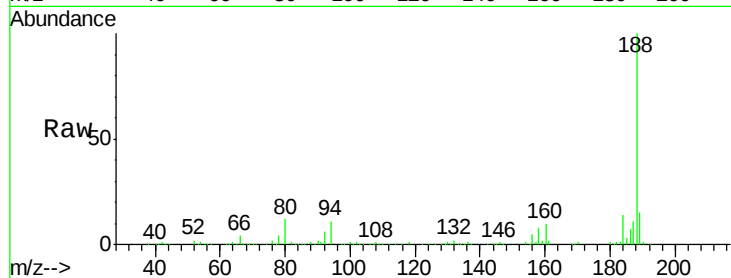




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF104404.D
 Acq: 10 Apr 2018 13:15

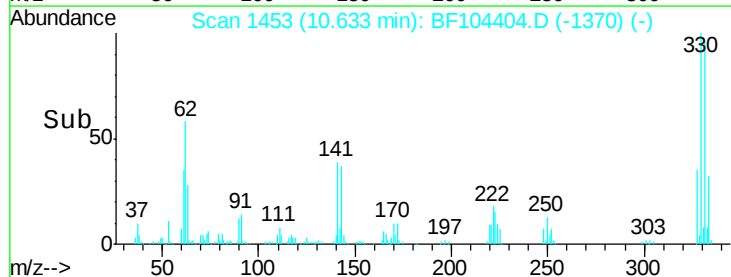
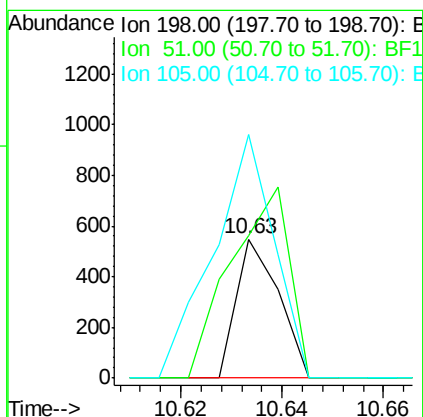
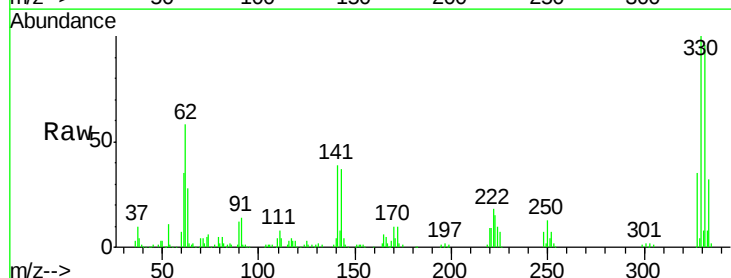
Instrument :
 BNA_F
 ClientSampleId :
 S1

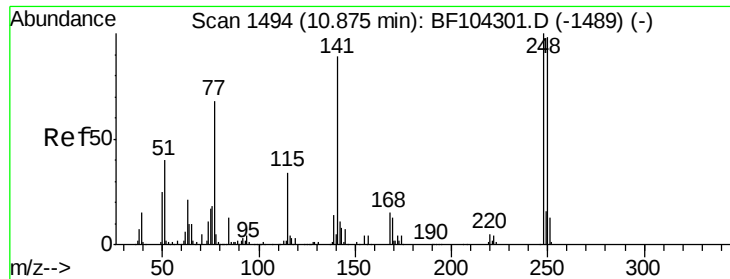
Tgt Ion:188 Resp: 259791
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.559 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.19 min
 Lab File: BF104404.D
 Acq: 10 Apr 2018 13:15

Tgt Ion:198 Resp: 317
 Ion Ratio Lower Upper
 198 100
 51 102.7 37.7 77.7#
 105 175.0 36.3 76.3#

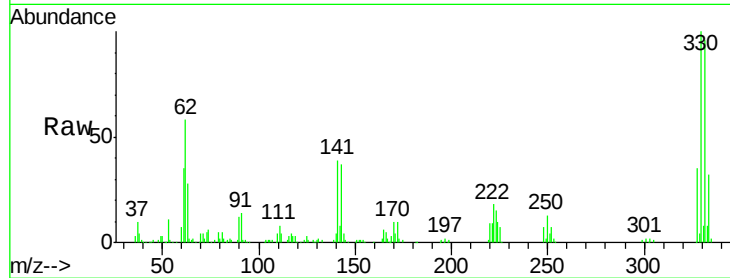




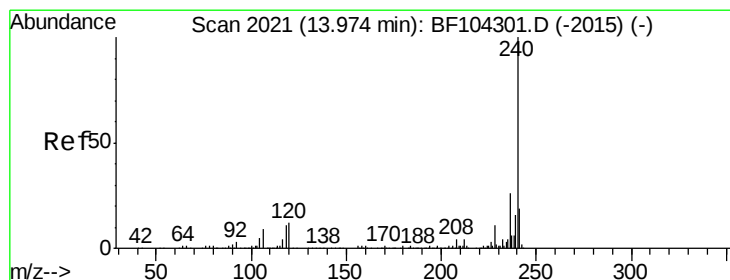
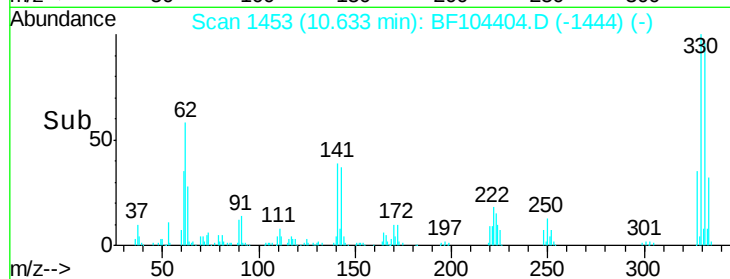
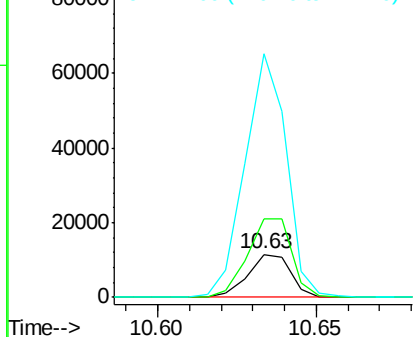
#66
 4-Bromophenyl-phenylether
 Concen: 3.886 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.25 min
 Lab File: BF104404.D
 Acq: 10 Apr 2018 13:15

Instrument :
 BNA_F
 ClientSampleId :
 S1

Tgt Ion:248 Resp: 10737
 Ion Ratio Lower Upper
 248 100
 250 182.3 76.9 115.3#
 141 562.4 74.4 111.6#

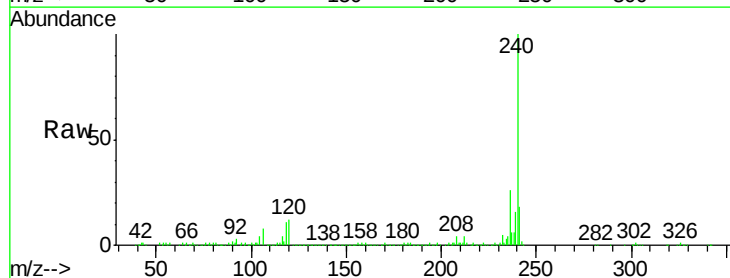


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

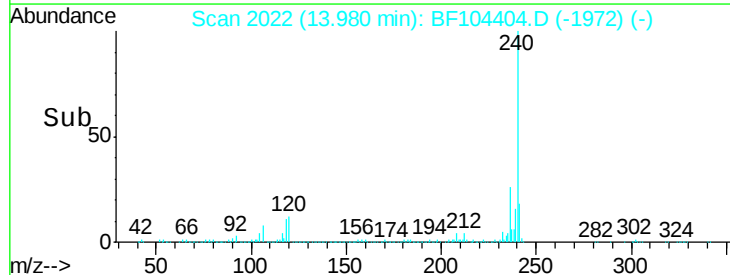
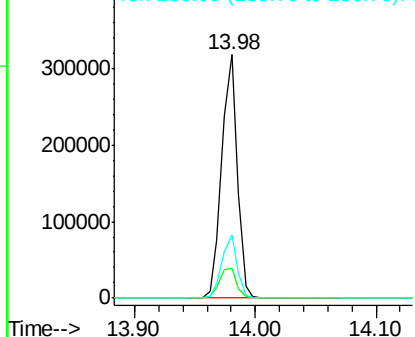


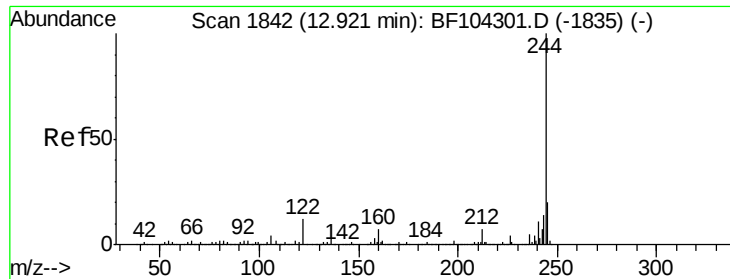
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF104404.D
 Acq: 10 Apr 2018 13:15

Tgt Ion:240 Resp: 282187
 Ion Ratio Lower Upper
 240 100
 120 12.3 9.5 14.3
 236 25.9 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: 62.057 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.00 min

Lab File: BF104404.D

Acq: 10 Apr 2018 13:15

Instrument :

BNA_F

ClientSampled :

S1

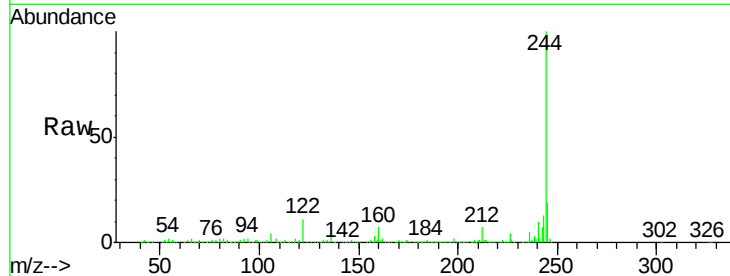
Tgt Ion:244 Resp: 768112

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

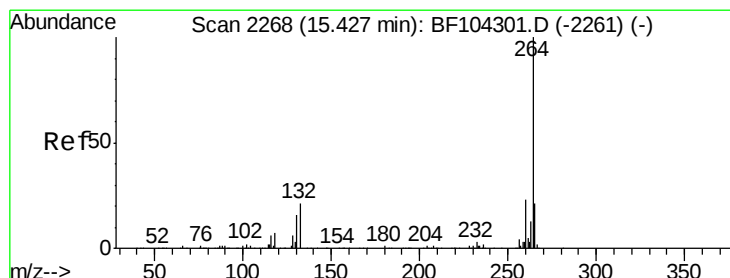
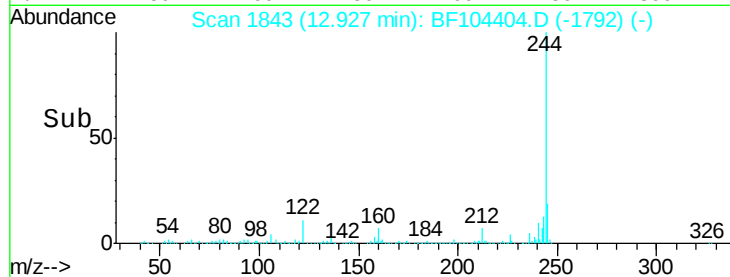
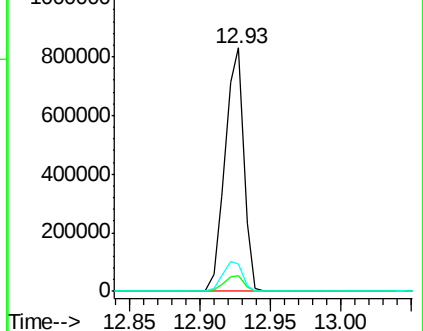
122 11.4 11.0 16.4



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: 15.44 min Scan# 2271

Delta R.T. 0.00 min

Lab File: BF104404.D

Acq: 10 Apr 2018 13:15

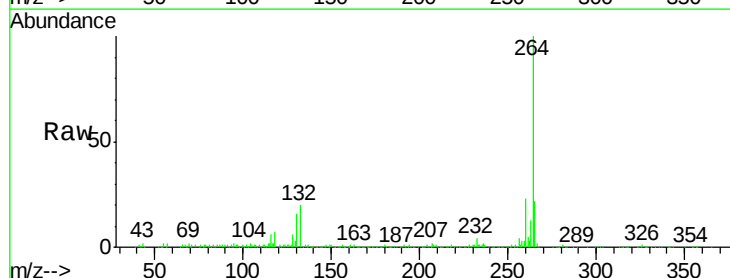
Tgt Ion:264 Resp: 216444

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.6 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

