

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104720.D
 Acq On : 23 Apr 2018 20:01
 Operator : JU/SJ
 Sample : J2461-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 01:04:24 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

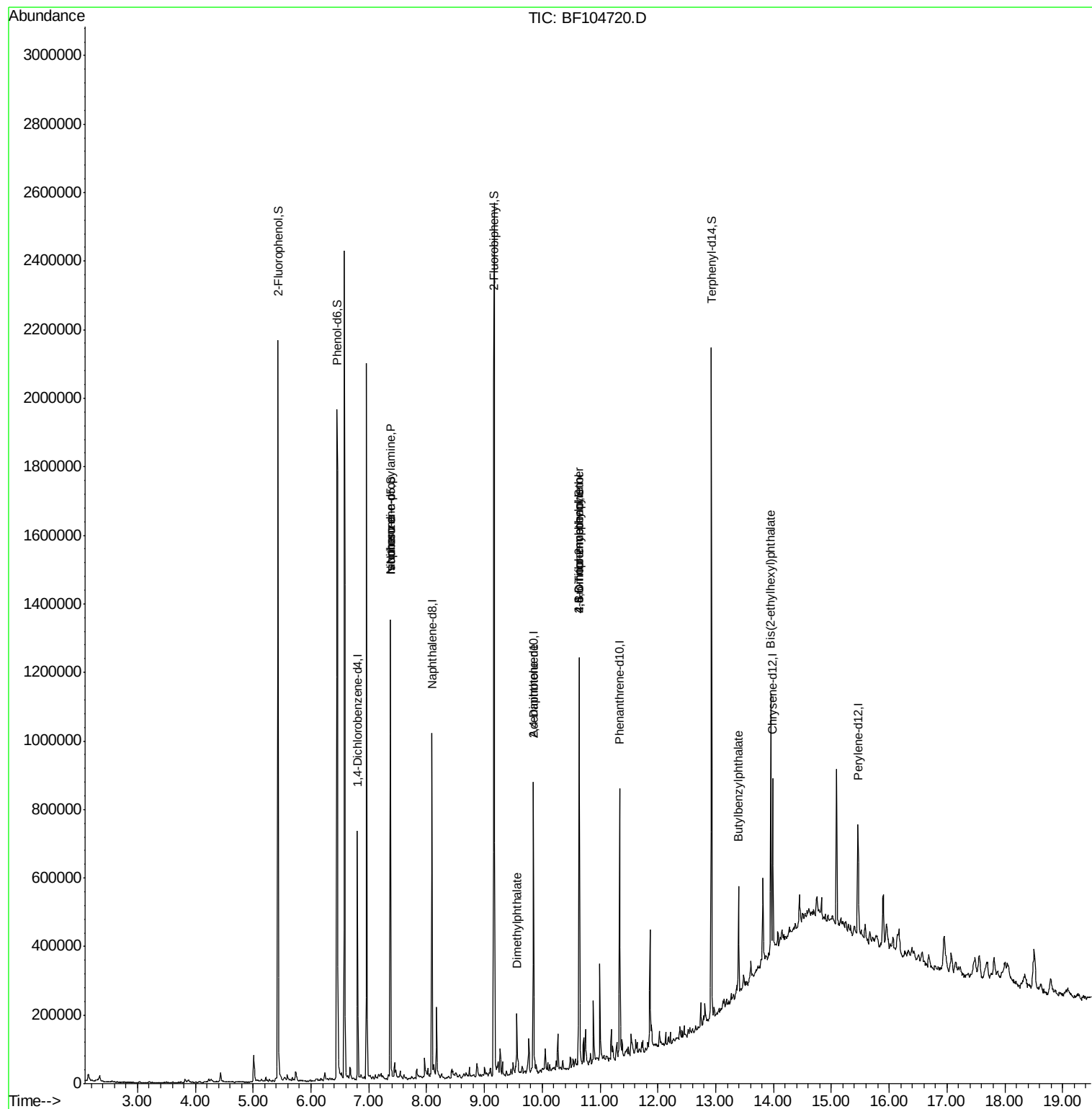
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	112192	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	406495	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	162460	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	272709	20.00	ng	0.00
75) Chrysene-d12	13.99	240	159686	20.00	ng	0.00
86) Perylene-d12	15.46	264	121726	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	654505	89.20	ng	0.01
7) Phenol-d6	6.45	99	753350	83.56	ng	0.00
23) Nitrobenzene-d5	7.37	82	409557	65.79	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	141900	84.20	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	769686	74.84	ng	0.00
78) Terphenyl-d14	12.93	244	640314	91.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	2197	Below Cal	Qvalue	# 72
19) n-Nitroso-di-n-propylamine	7.37	70	52920	8.983 ng	#	73
25) Isophorone	7.37	82	407351	30.944 ng	#	64
49) Dimethylphthalate	9.56	163	67866	5.297 ng		97
56) 2,4-Dinitrotoluene	9.85	165	21388	6.878 ng	#	24
64) 4,6-Dinitro-2-methylphenol	10.64	198	367	7.581 ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	8356	2.881 ng	#	1
76) Benzydine	12.75	184	369	Below Cal	#	1
79) Butylbenzylphthalate	13.40	149	66269	11.884 ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	216218	30.145 ng		99

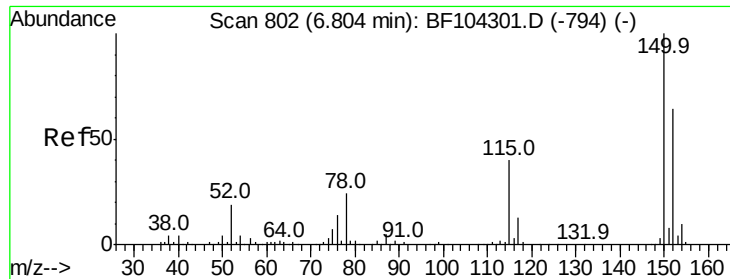
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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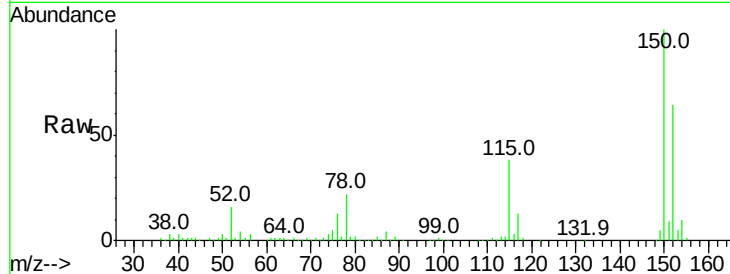


#1

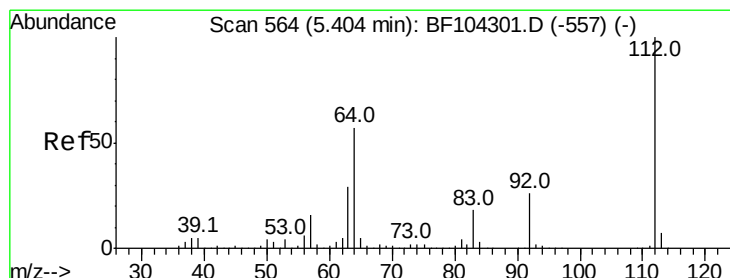
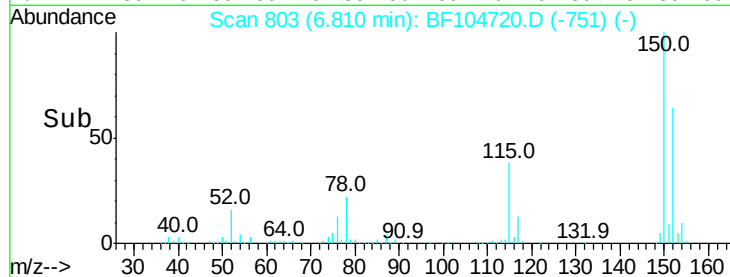
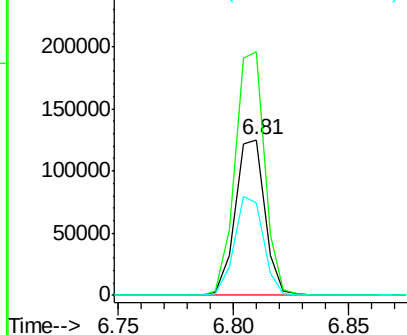
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104720.D
Acq: 23 Apr 2018 20:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 112192
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 59.2 50.1 75.1



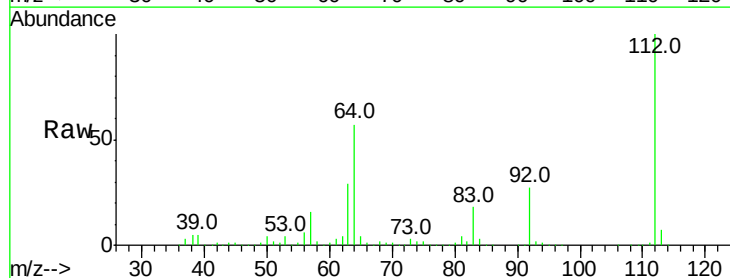
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



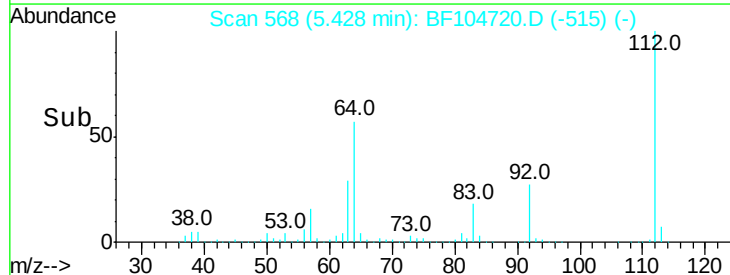
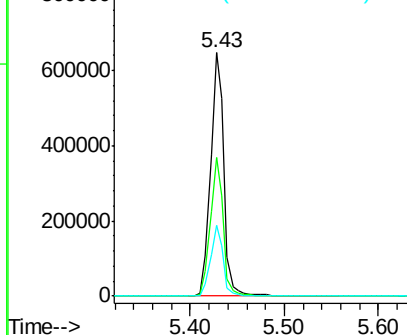
#5

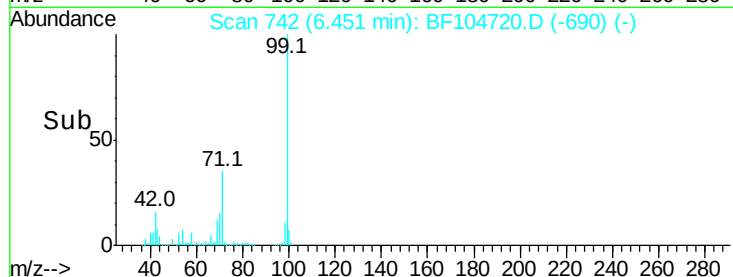
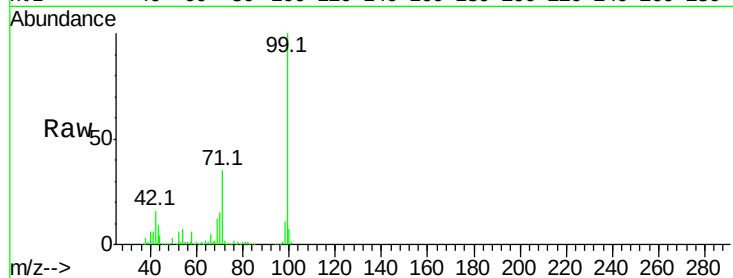
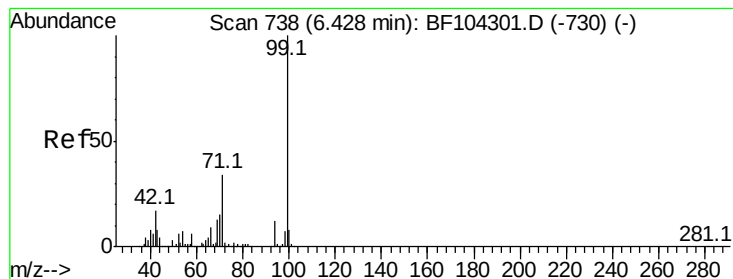
2-Fluorophenol
Concen: 89.202 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104720.D
Acq: 23 Apr 2018 20:01

Tgt Ion:112 Resp: 654505
Ion Ratio Lower Upper
112 100
64 56.8 47.9 71.9
63 29.0 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: 83.564 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104720.D

Acq: 23 Apr 2018 20:01

Instrument :

BNA_F

ClientSampleId :

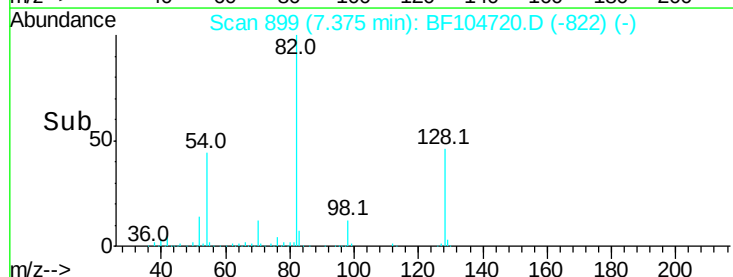
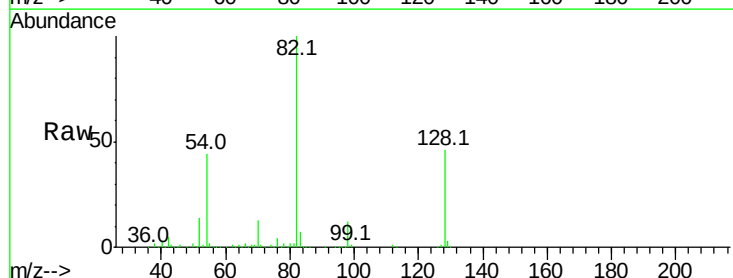
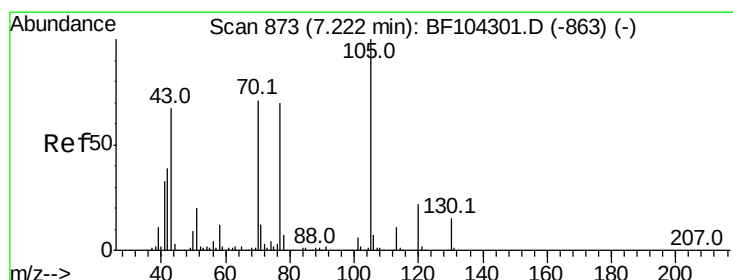
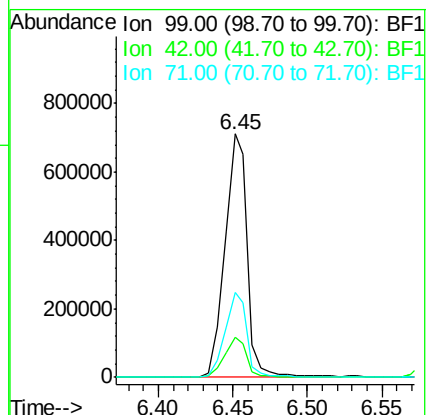
Tot Ion: 99 Resp: 753350

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

71 34.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 8.983 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104720.D

Acq: 23 Apr 2018 20:01

Tgt Ion: 70 Resp: 52920

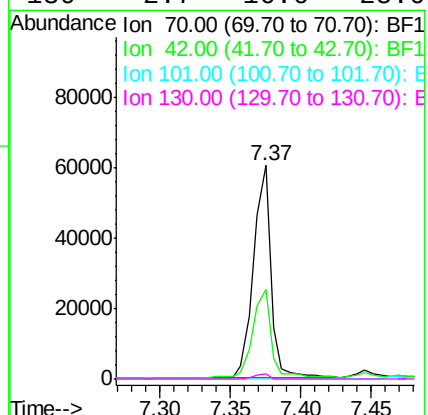
Ion Ratio Lower Upper

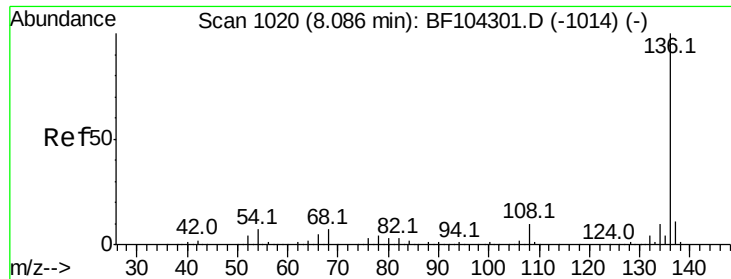
70 100

42 42.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

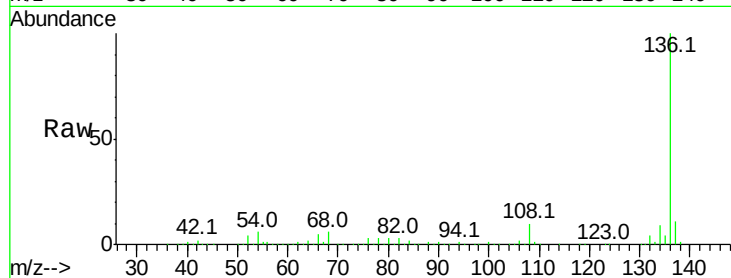




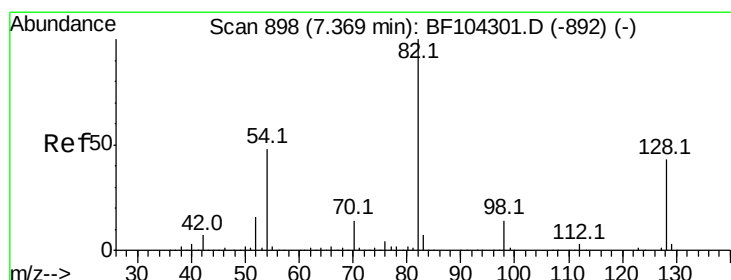
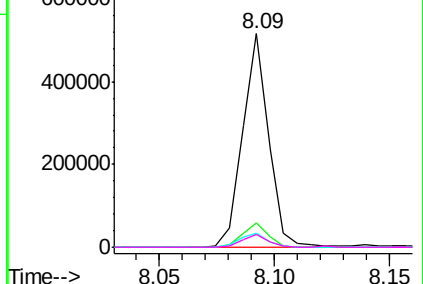
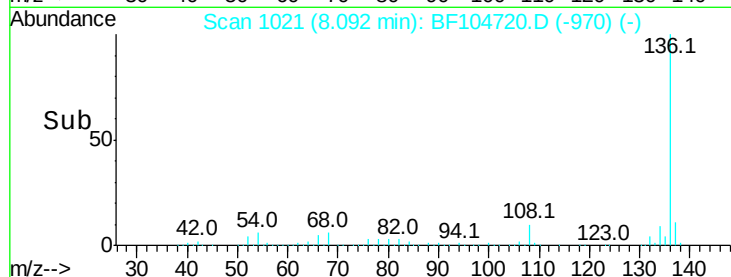
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104720.D
Acq: 23 Apr 2018 20:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	406495
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.5	6.6	9.8#
68	5.8	5.0	7.4

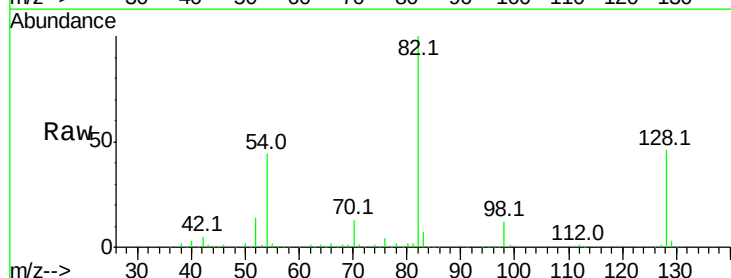


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

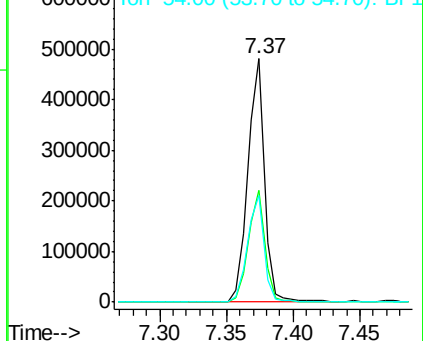
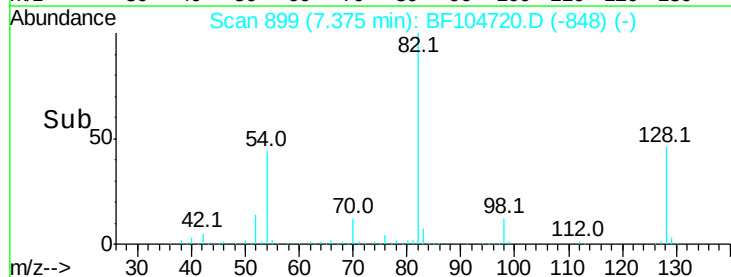


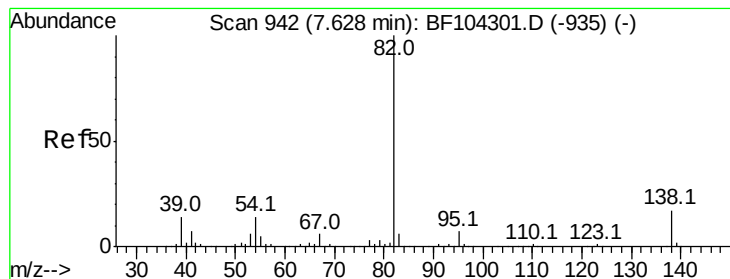
#23
Nitrobenzene-d5
Concen: 65.790 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104720.D
Acq: 23 Apr 2018 20:01

Tgt Ion:	82	Resp:	409557
Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.1	54.1
54	43.6	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: 30.944 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.25 min

Lab File: BF104720.D

Acq: 23 Apr 2018 20:01

Instrument :

BNA_F

ClientSampleId :

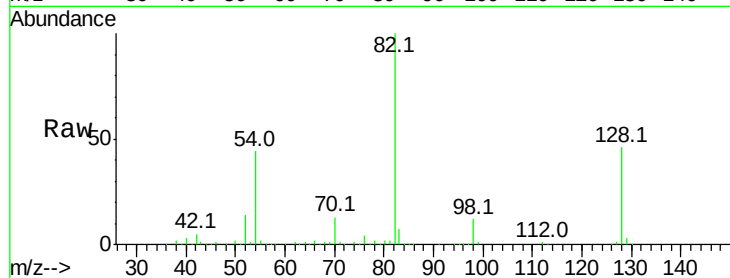
Tot Ion: 82 Resp: 407351

Ion Ratio Lower Upper

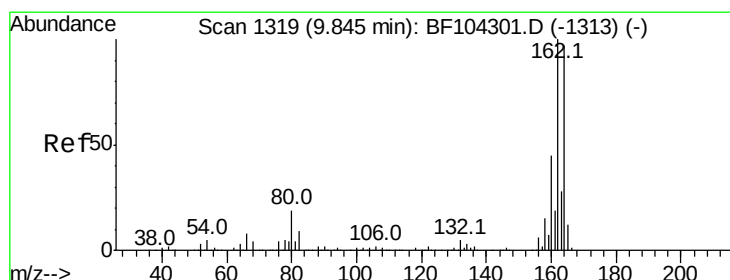
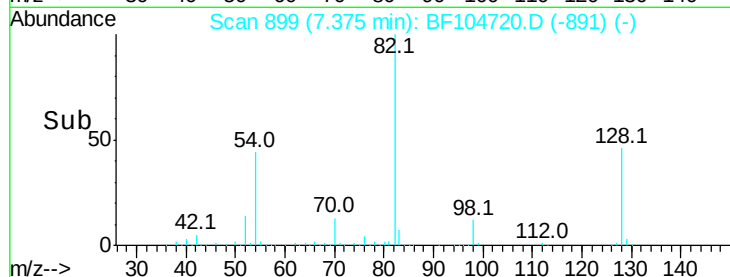
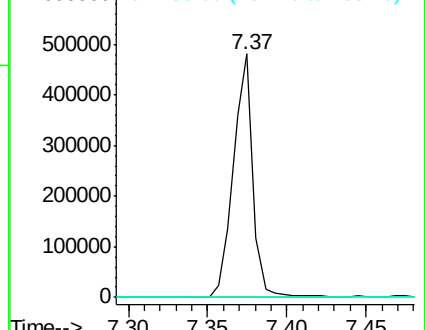
82 100

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: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF104720.D

Acq: 23 Apr 2018 20:01

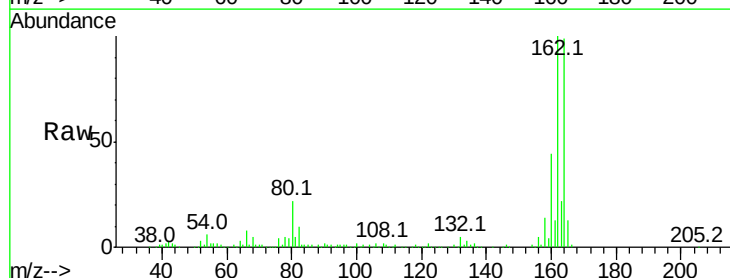
Tgt Ion:164 Resp: 162460

Ion Ratio Lower Upper

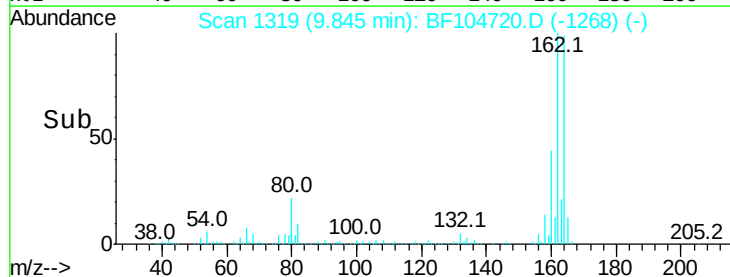
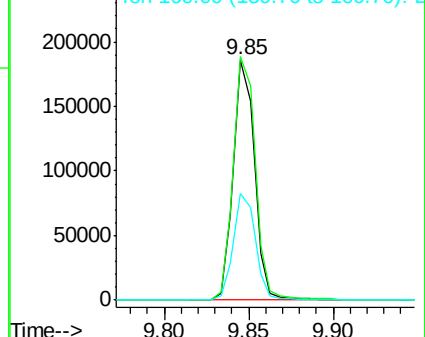
164 100

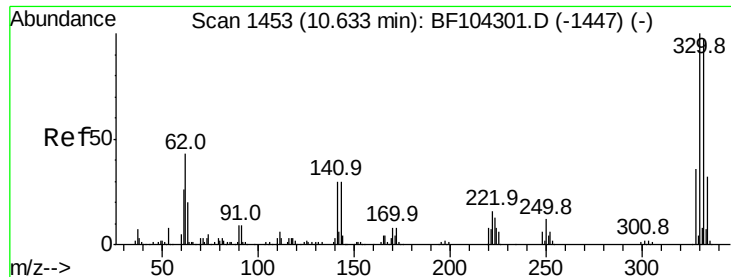
162 101.3 86.1 129.1

160 44.4 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

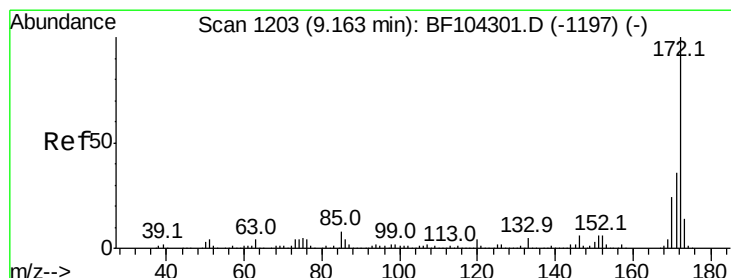
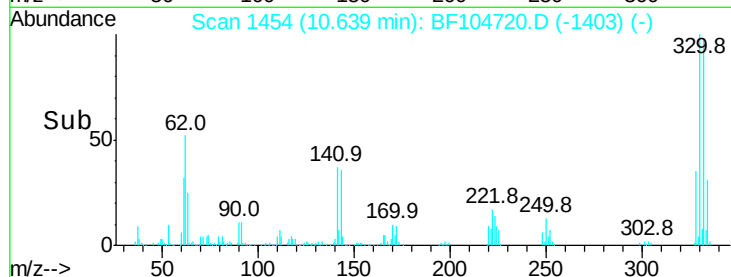
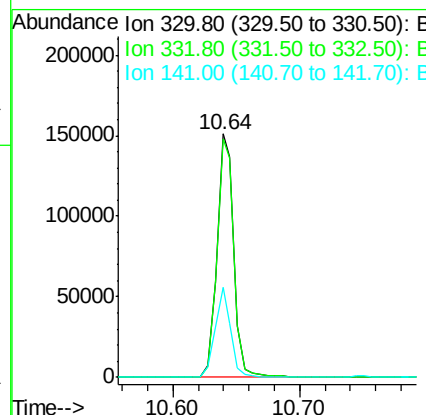
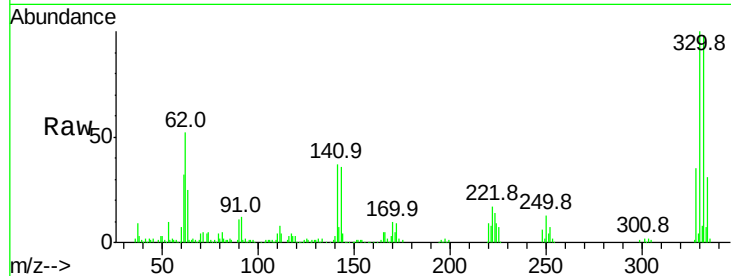




#41
 2,4,6-Tribromophenol
 Concen: 84.202 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF104720.D
 Acq: 23 Apr 2018 20:01

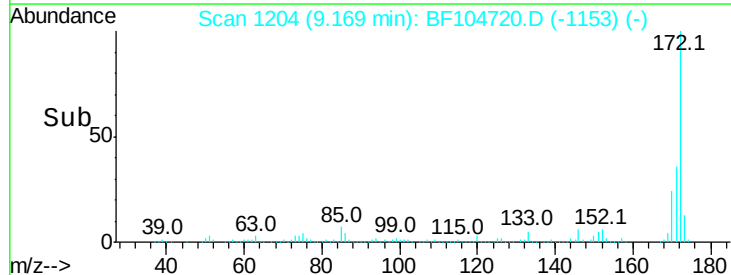
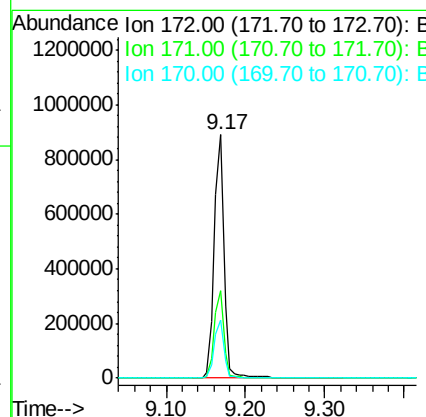
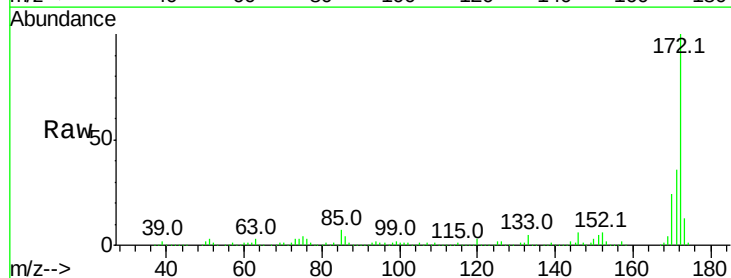
Instrument :
 BNA_F
 ClientSampled :

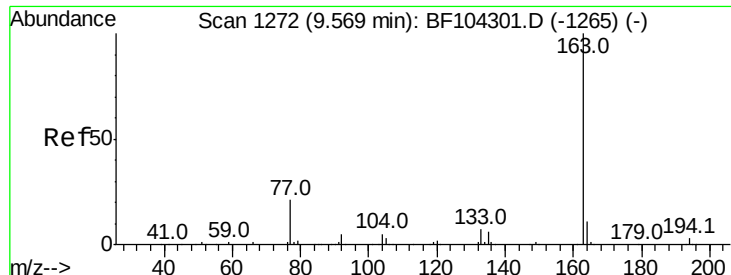
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.6
141	35.6	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 74.844 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104720.D
 Acq: 23 Apr 2018 20:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.7	19.6	29.4

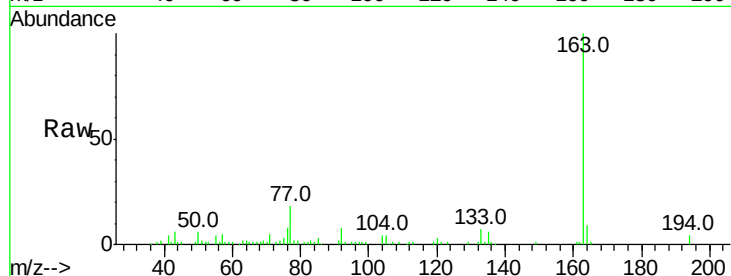




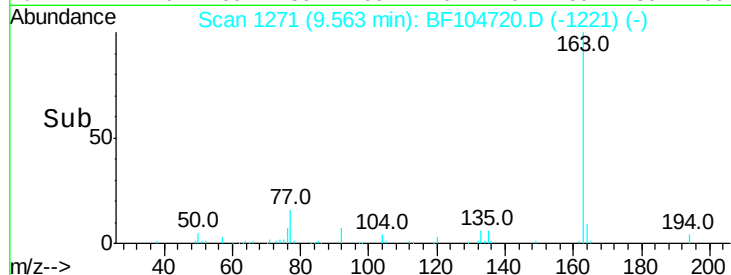
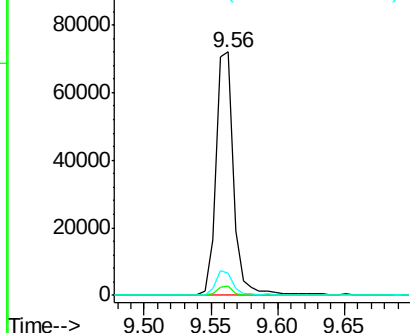
#49
Dimethylphthalate
Concen: 5.297 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104720.D
Acq: 23 Apr 2018 20:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 67866
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.1 8.2 12.2

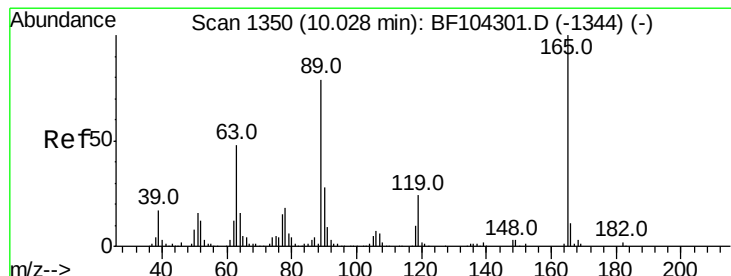


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

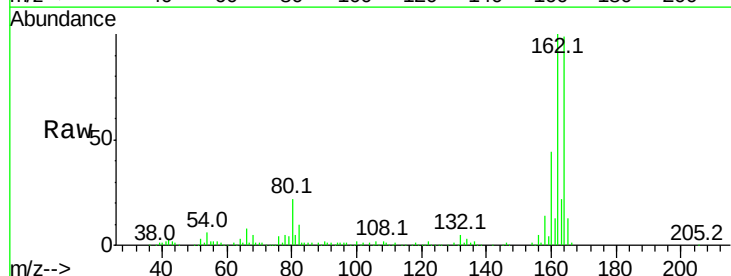
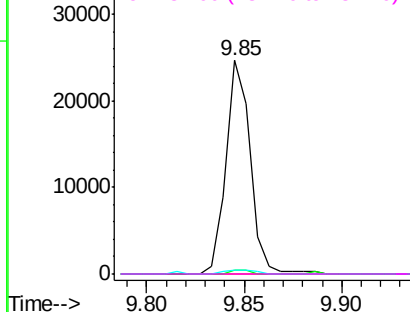


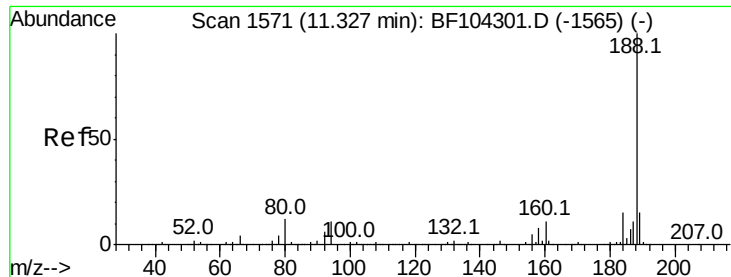
#56
2,4-Dinitrotoluene
Concen: 6.878 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.20 min
Lab File: BF104720.D
Acq: 23 Apr 2018 20:01

Tgt Ion:165 Resp: 21388
Ion Ratio Lower Upper
165 100
63 1.6 36.4 54.6#
89 1.7 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

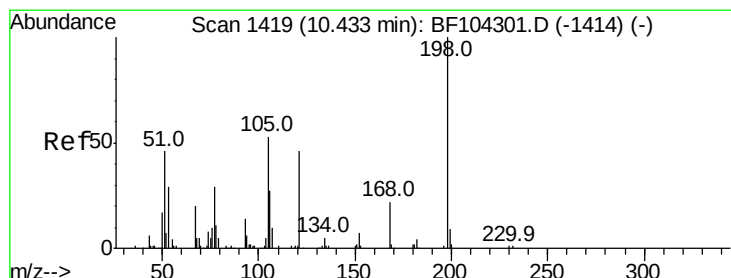
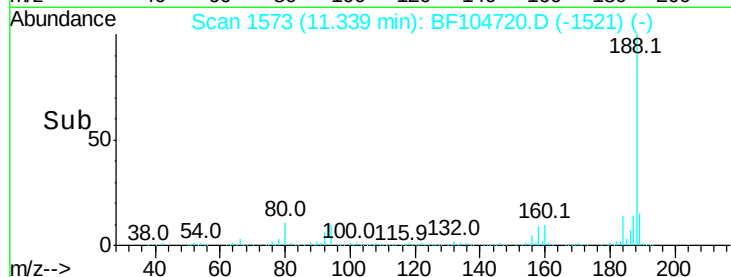
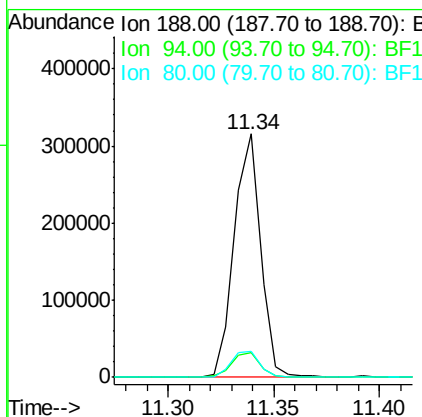
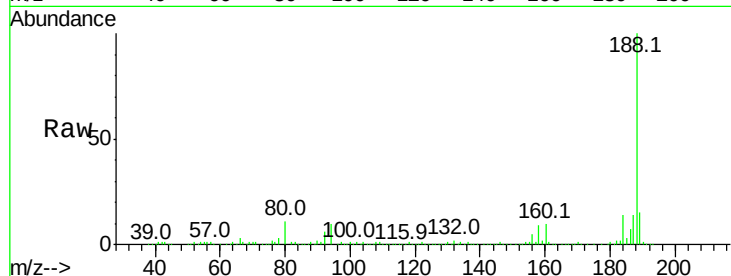




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: BF104720.D
 Acq: 23 Apr 2018 20:01

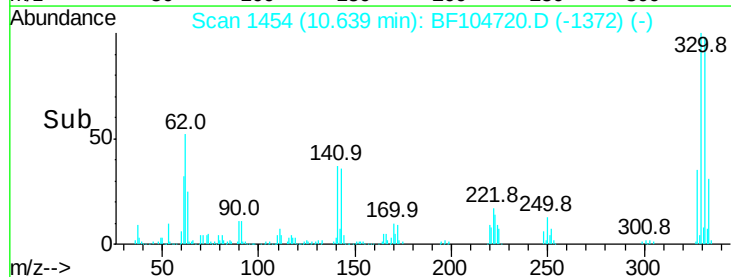
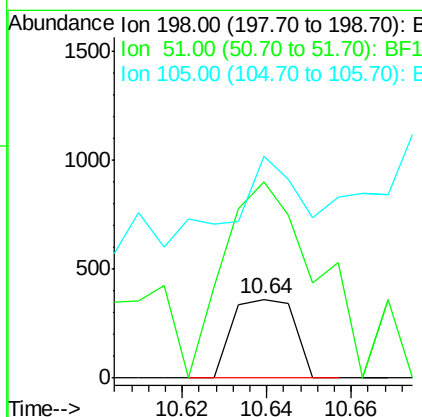
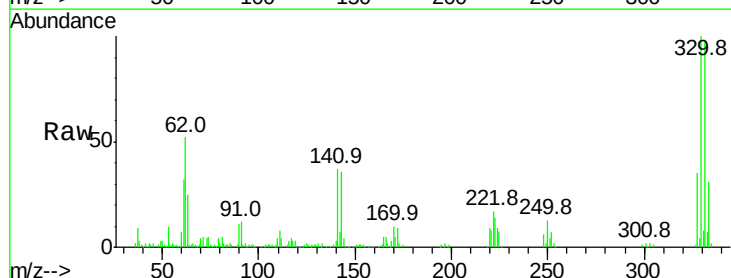
Instrument :
 BNA_F
 ClientSampleId :

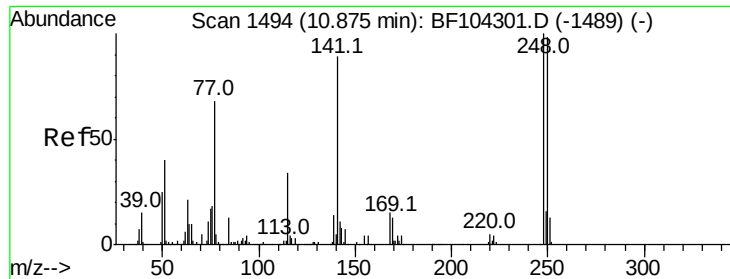
Tot Ion:188 Resp: 272709
 Ion Ratio Lower Upper
 188 100
 94 10.0 8.5 12.7
 80 10.7 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.581 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.18 min
 Lab File: BF104720.D
 Acq: 23 Apr 2018 20:01

Tgt Ion:198 Resp: 367
 Ion Ratio Lower Upper
 198 100
 51 248.8 37.7 77.7#
 105 281.4 36.3 76.3#

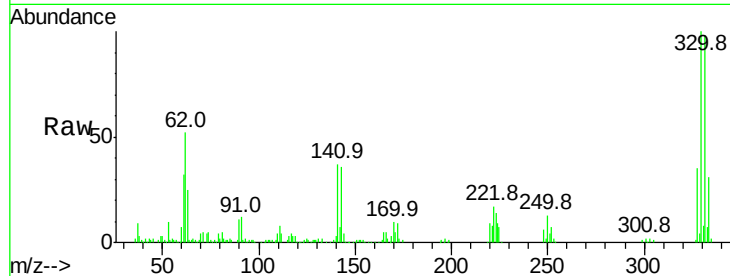




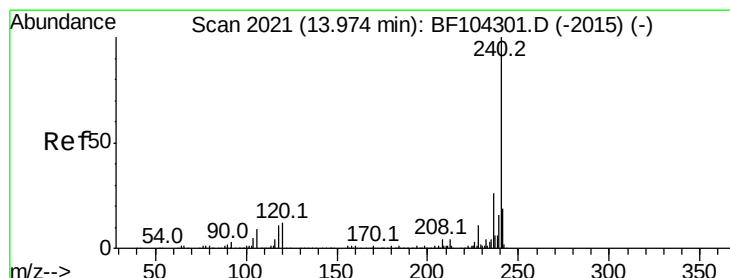
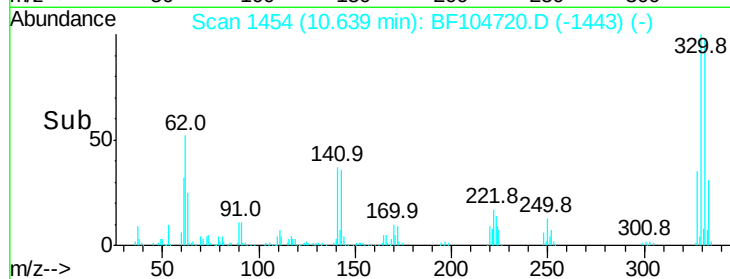
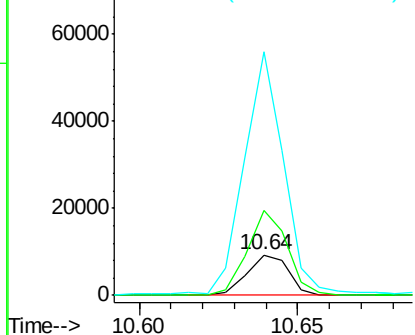
#66
 4-Bromophenyl-phenylether
 Concen: 2.881 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF104720.D
 Acq: 23 Apr 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8356
 Ion Ratio Lower Upper
 248 100
 250 209.3 76.9 115.3#
 141 603.6 74.4 111.6#

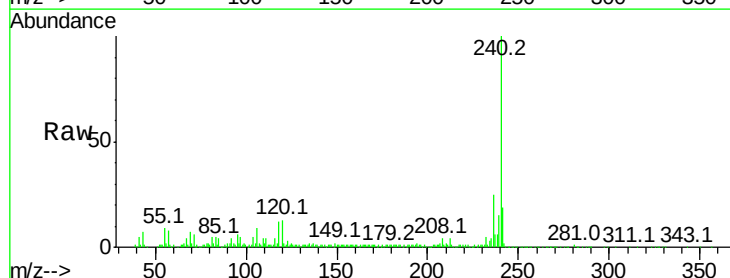


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

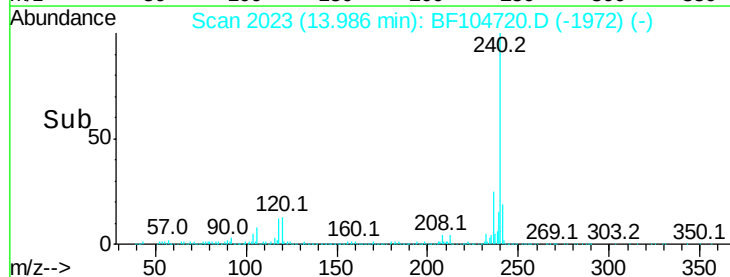
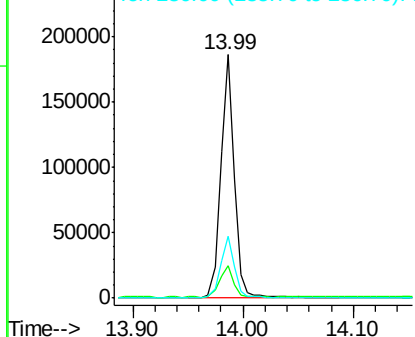


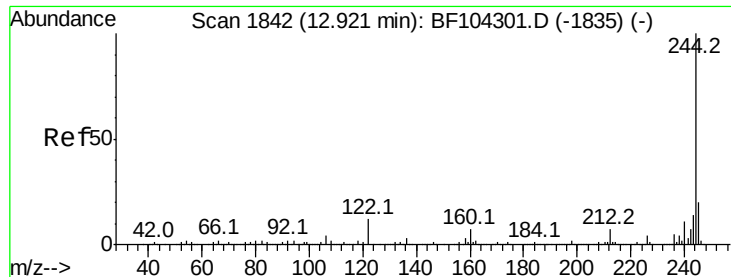
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF104720.D
 Acq: 23 Apr 2018 20:01

Tgt Ion:240 Resp: 159686
 Ion Ratio Lower Upper
 240 100
 120 13.2 9.5 14.3
 236 25.4 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

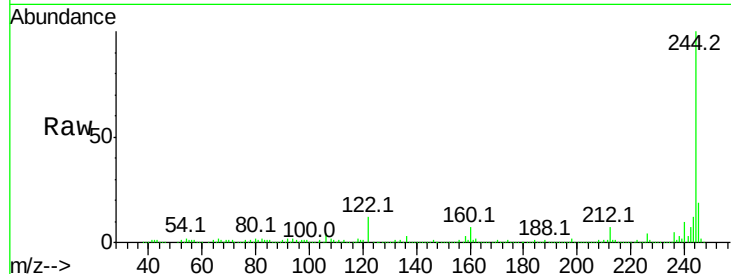




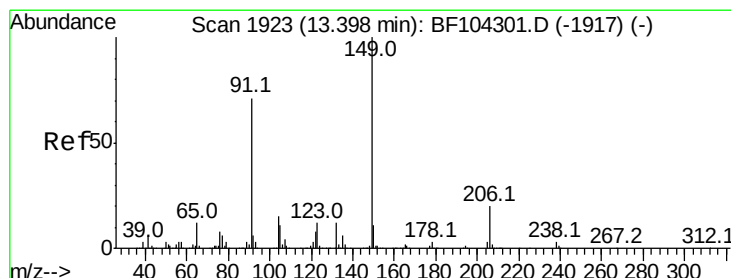
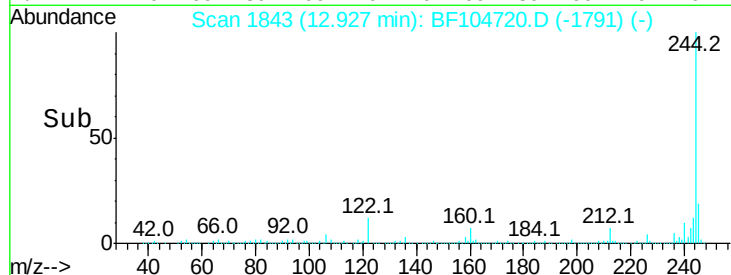
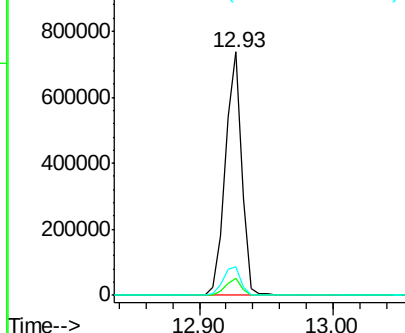
#78
 Terphenyl-d14
 Concen: 91.417 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF104720.D
 Acq: 23 Apr 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 640314
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.8 11.0 16.4

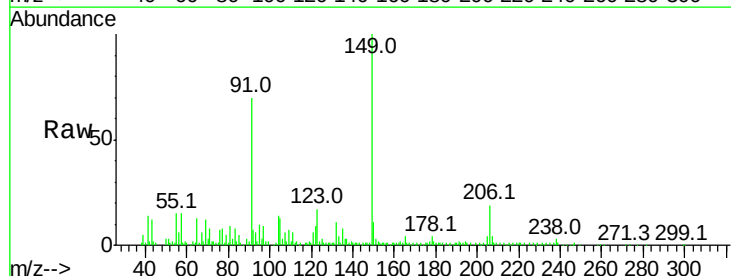


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

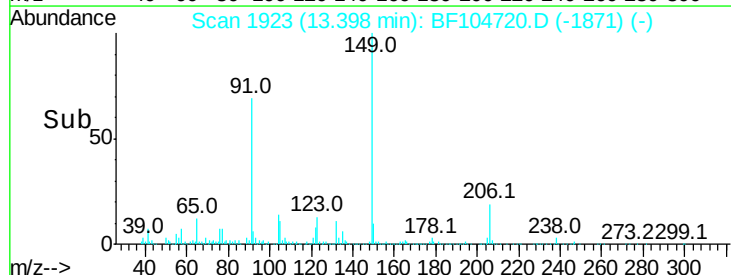
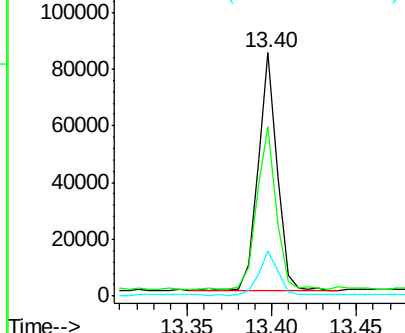


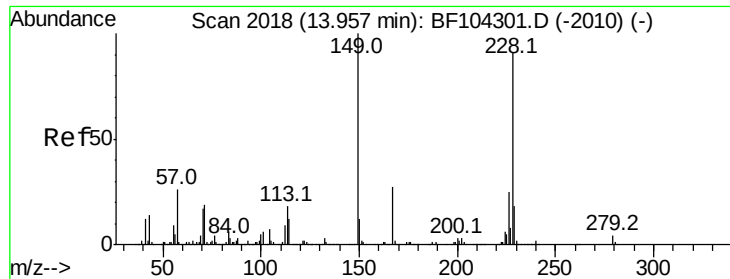
#79
 Butylbenzylphthalate
 Concen: 11.884 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: BF104720.D
 Acq: 23 Apr 2018 20:01

Tgt Ion:149 Resp: 66269
 Ion Ratio Lower Upper
 149 100
 91 69.8 56.8 85.2
 206 18.7 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

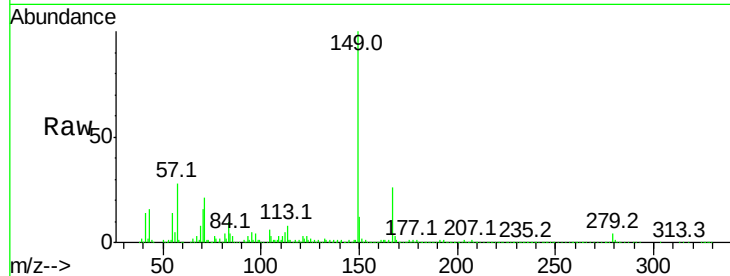




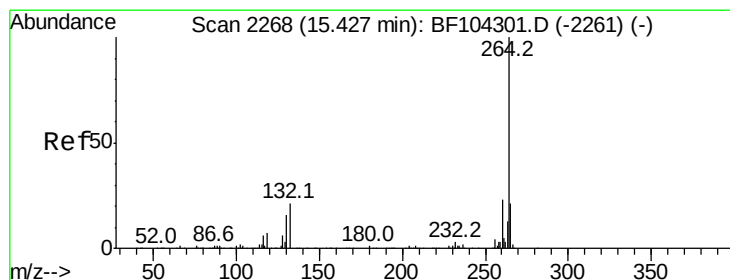
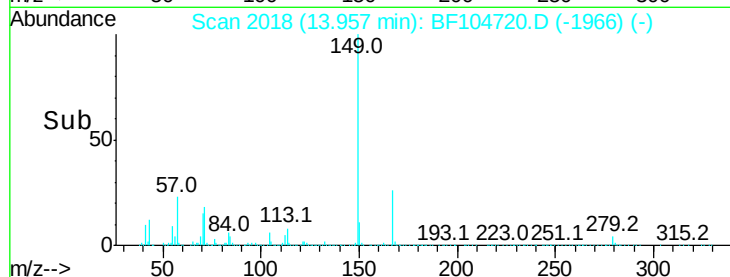
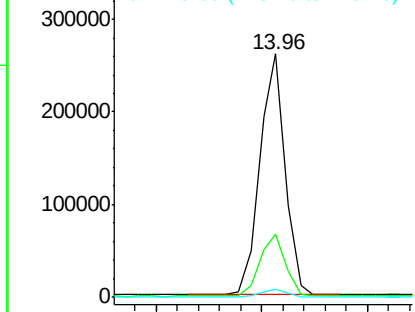
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 30.145 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF104720.D
 Acq: 23 Apr 2018 20:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.5	3.0	4.4

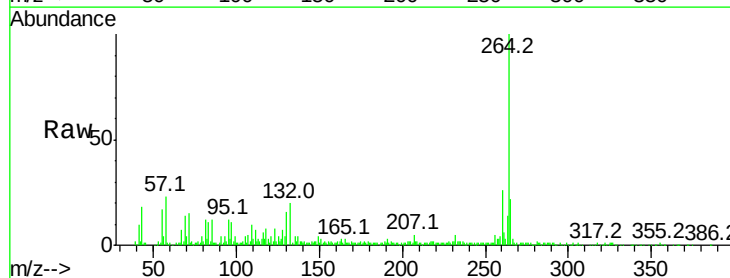


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: BF104720.D
 Acq: 23 Apr 2018 20:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.2	28.8
265	22.1	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

