

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104727.D
 Acq On : 24 Apr 2018 00:42
 Operator : JU/SJ
 Sample : J2492-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 05:23:54 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	6.80	152	107167	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	417725	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	165526	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	279909	20.00	ng	0.00
75) Chrysene-d12	13.99	240	177402	20.00	ng	0.00
86) Perylene-d12	15.46	264	134007	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	351974	50.22	ng	0.01
7) Phenol-d6	6.45	99	270720	31.44	ng	0.00
23) Nitrobenzene-d5	7.37	82	660547	103.26	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	154074	89.73	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1154499	110.18	ng	0.00
78) Terphenyl-d14	12.93	244	1042769	134.01	ng	0.00

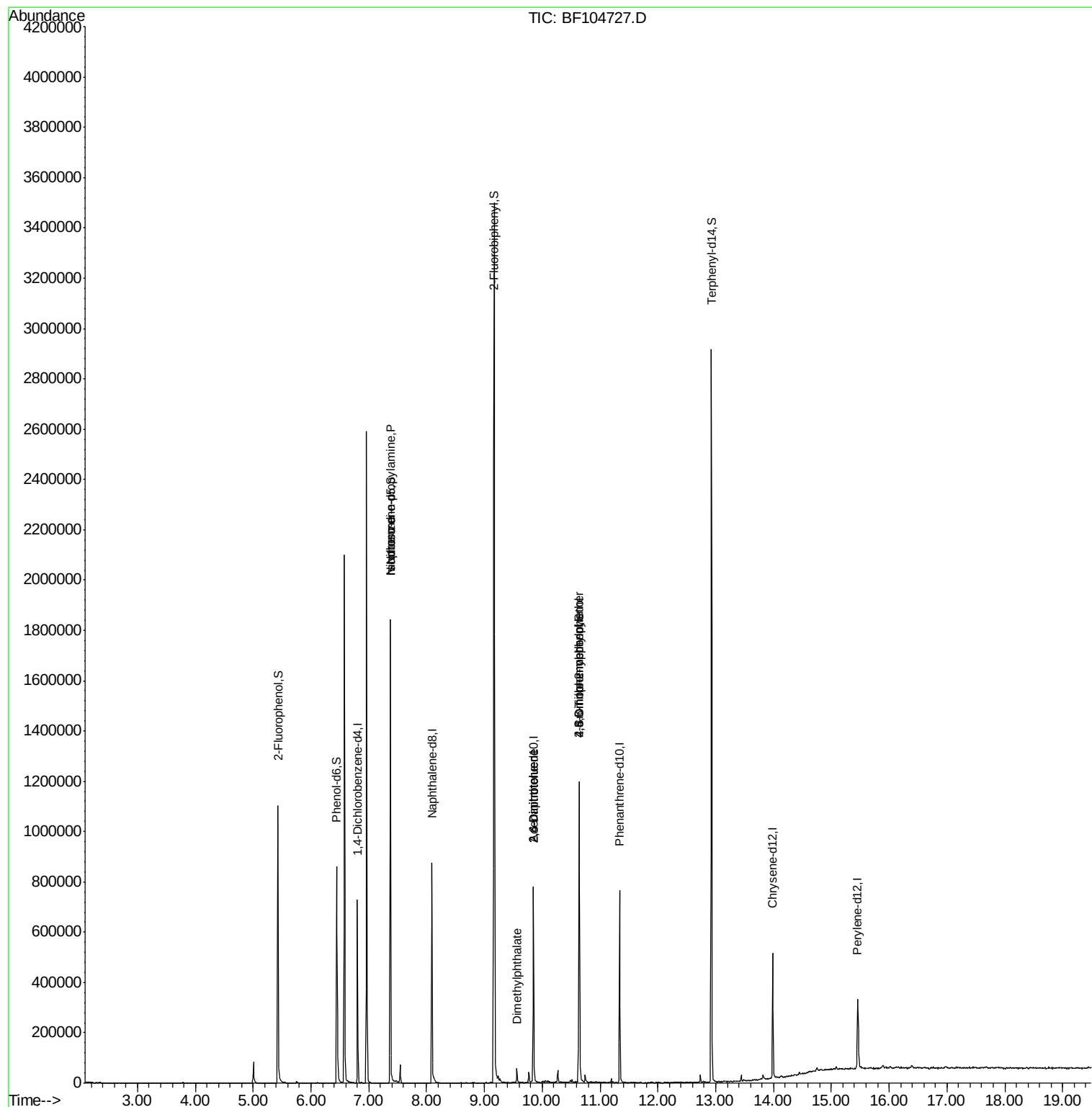
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	86262	15.329	ng	# 72
25) Isophorone	7.37	82	660542	48.829	ng	# 64
49) Dimethylphthalate	9.56	163	26262	2.012	ng	# 96
50) 2,6-Dinitrotoluene	9.84	165	20556	8.511	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	20556	6.488	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.64	198	143	7.436	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	9236	3.102	ng	# 1
76) Benzidine	12.93	184	13635	Below Cal		# 97

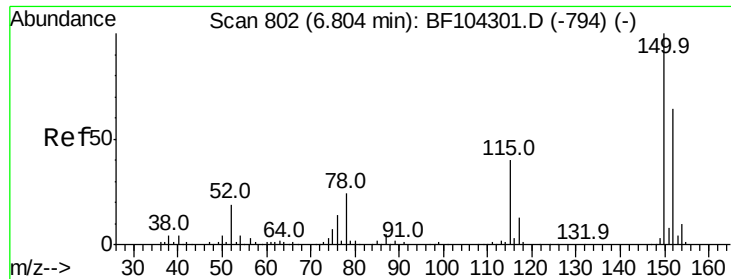
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
Data File : BF104727.D
Acq On : 24 Apr 2018 00:42
Operator : JU/SJ
Sample : J2492-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 24 05:23:54 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



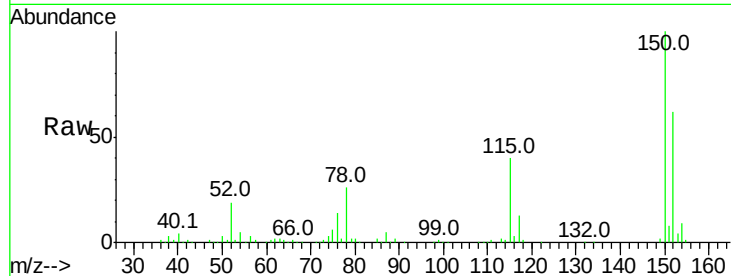


#1

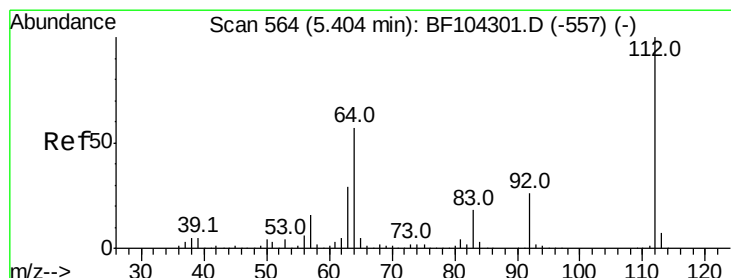
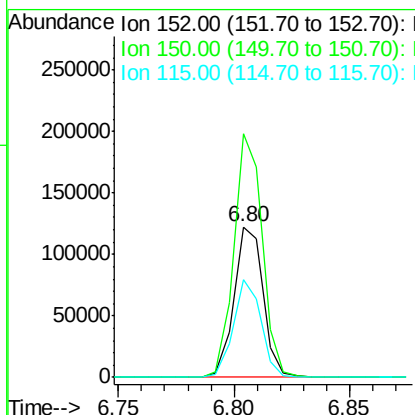
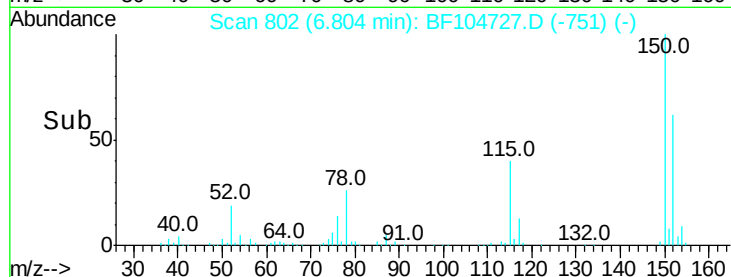
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 107167
Ion Ratio Lower Upper
152 100
150 161.6 124.6 186.8
115 65.0 50.1 75.1



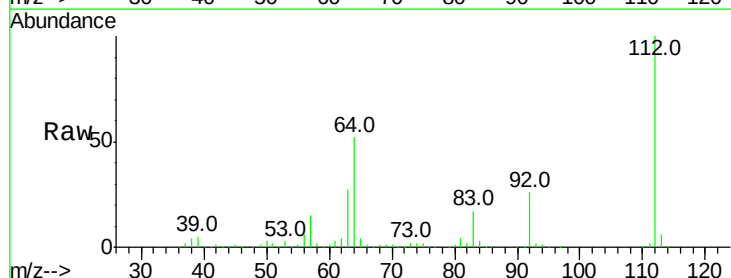
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



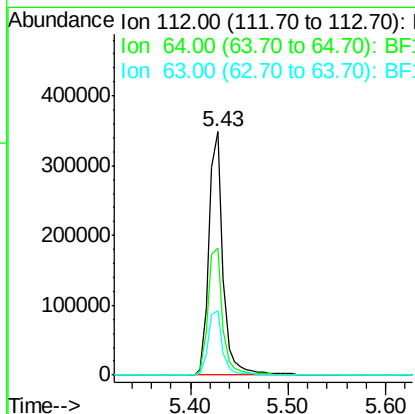
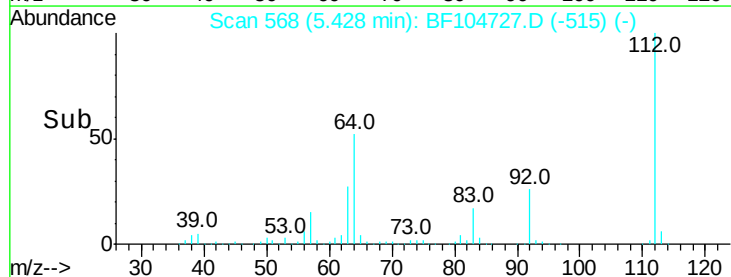
#5

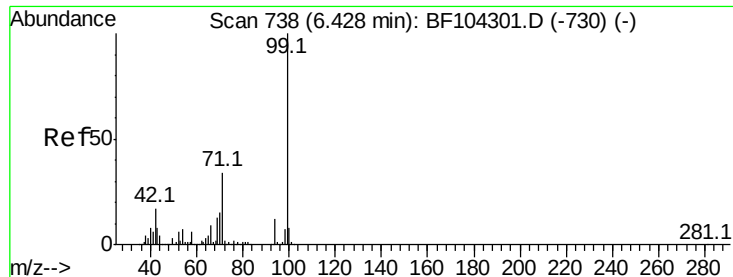
2-Fluorophenol
Concen: 50.220 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Tgt Ion:112 Resp: 351974
Ion Ratio Lower Upper
112 100
64 52.1 47.9 71.9
63 26.6 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: 31.437 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF104727.D

Acq: 24 Apr 2018 00:42

Instrument :

BNA_F

ClientSampleId :

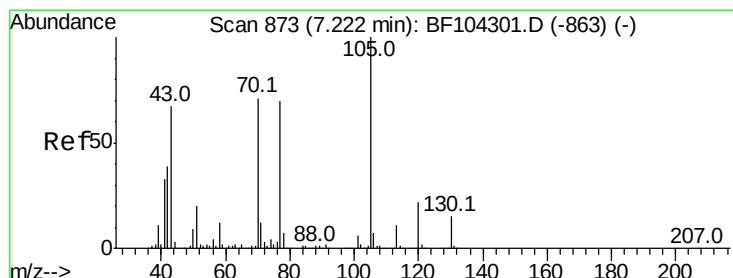
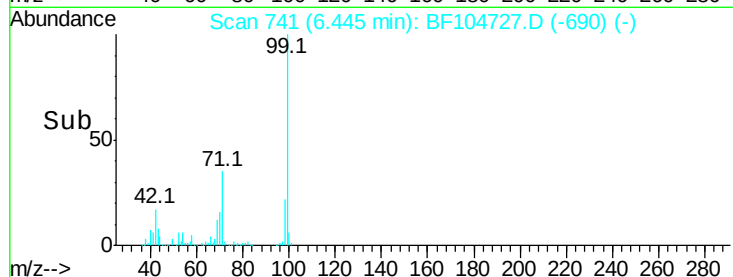
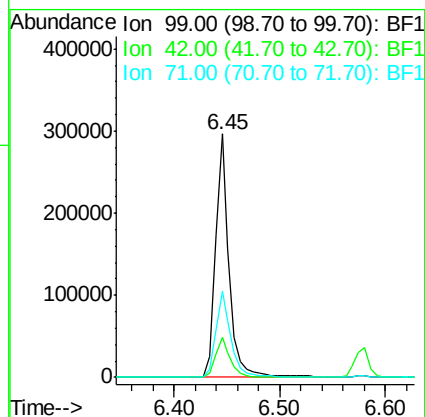
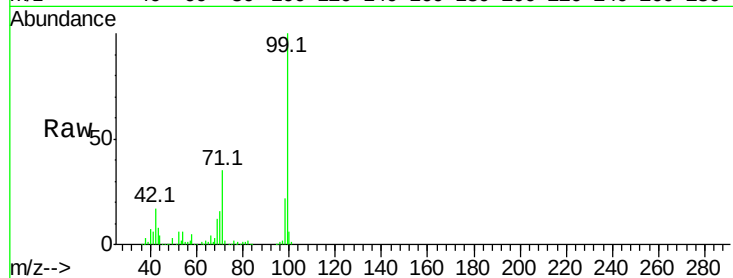
Tot Ion: 99 Resp: 270720

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

71 35.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.329 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104727.D

Acq: 24 Apr 2018 00:42

Tgt Ion: 70 Resp: 86262

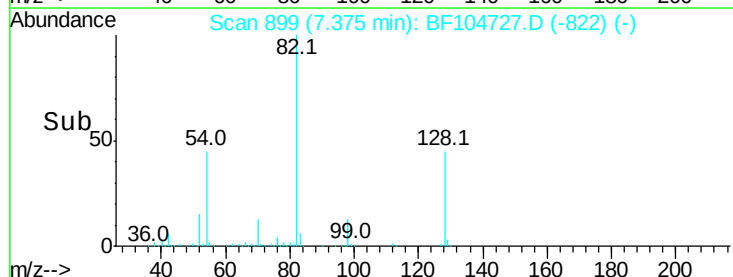
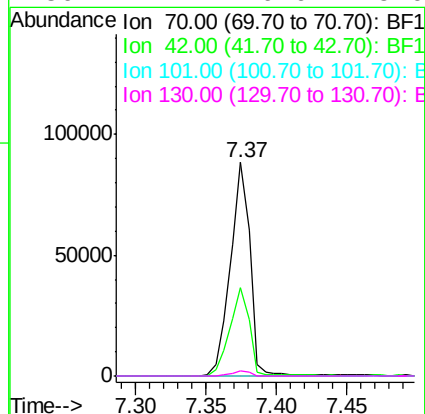
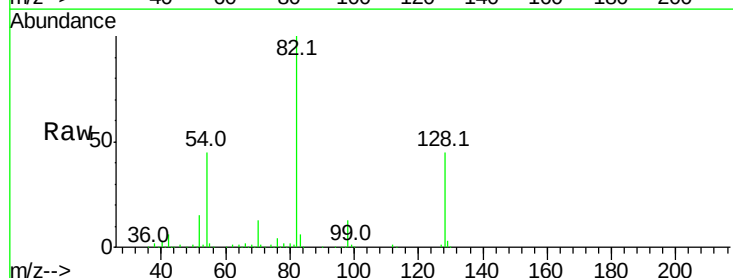
Ion Ratio Lower Upper

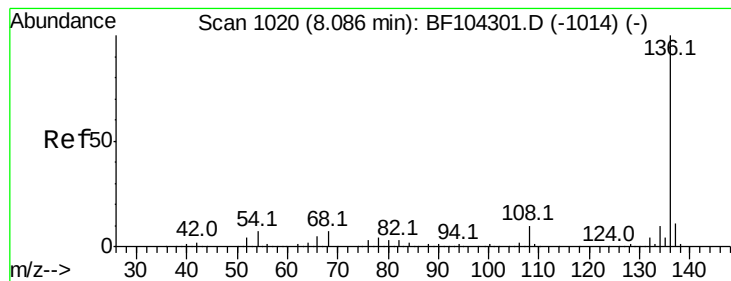
70 100

42 41.1 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: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104727.D

Acq: 24 Apr 2018 00:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 417725

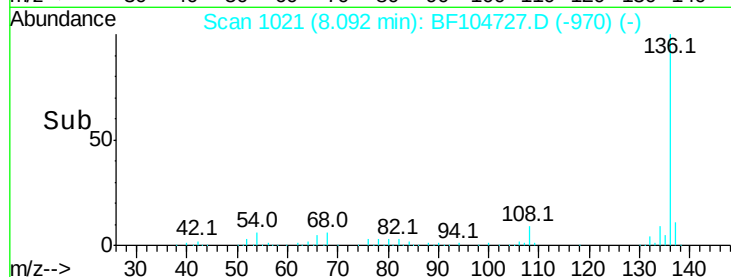
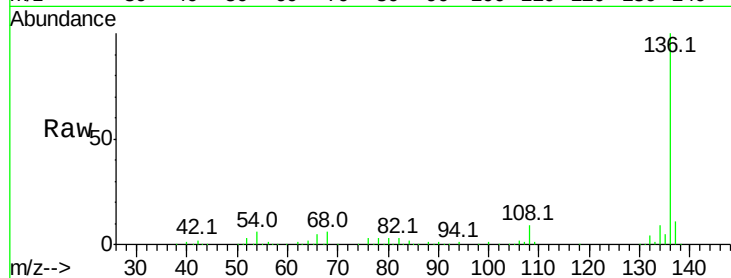
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 6.4 6.6 9.8#

68 5.7 5.0 7.4

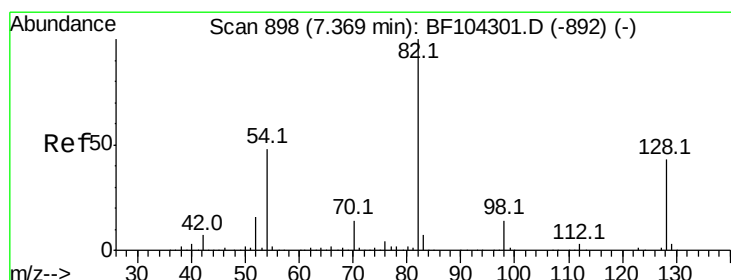
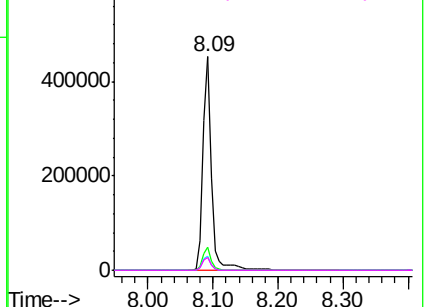


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.256 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF104727.D

Acq: 24 Apr 2018 00:42

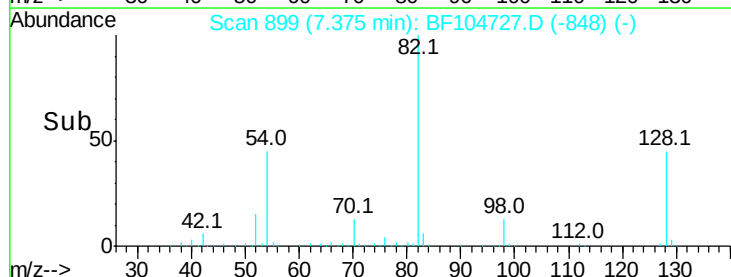
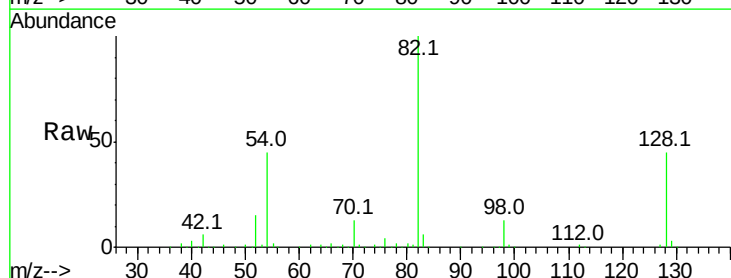
Tgt Ion: 82 Resp: 660547

Ion Ratio Lower Upper

82 100

128 44.9 36.1 54.1

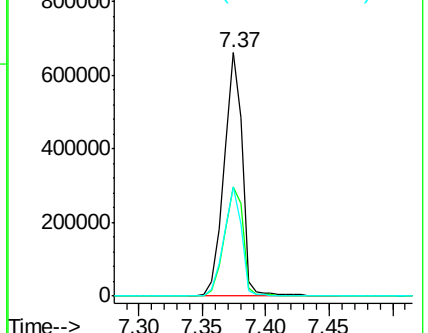
54 44.7 41.4 62.2

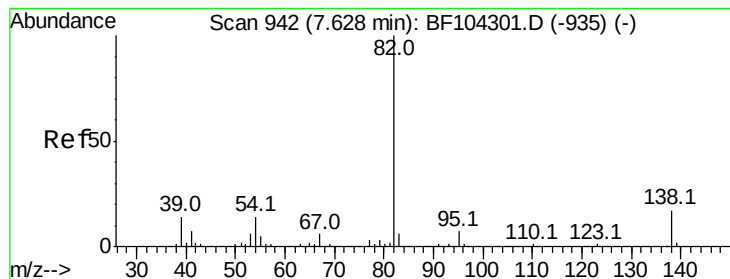


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 48.829 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.25 min

Lab File: BF104727.D

Acq: 24 Apr 2018 00:42

Instrument :

BNA_F

ClientSampled :

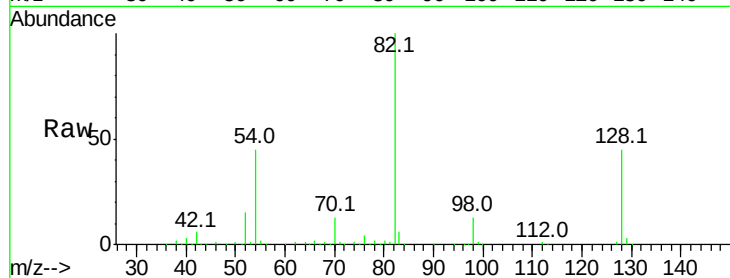
Tot Ion: 82 Resp: 660542

Ion Ratio Lower Upper

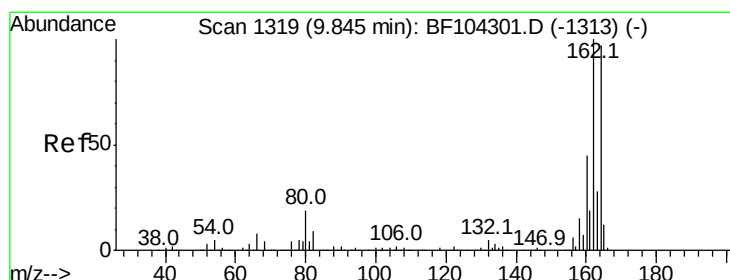
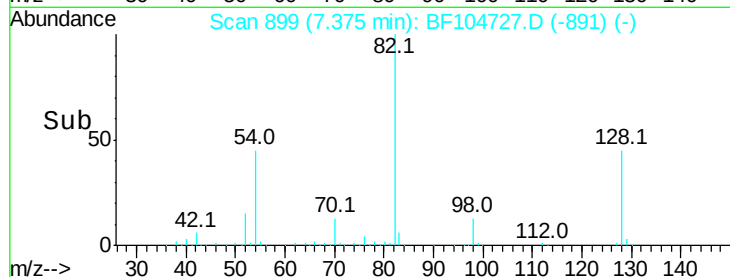
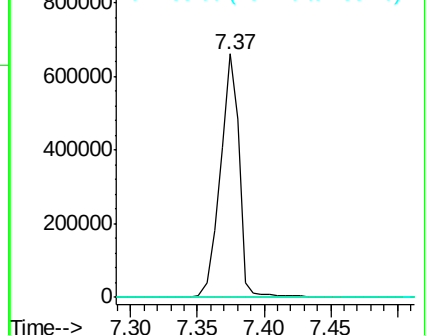
82 100

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: 9.84 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF104727.D

Acq: 24 Apr 2018 00:42

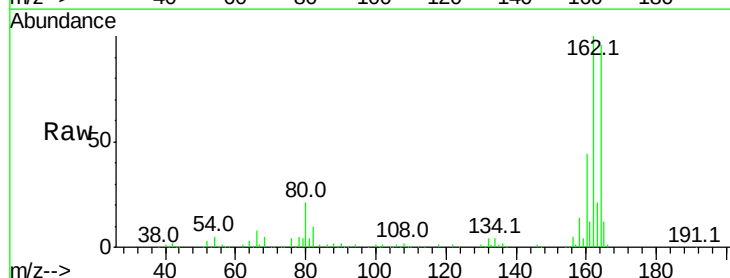
Tgt Ion:164 Resp: 165526

Ion Ratio Lower Upper

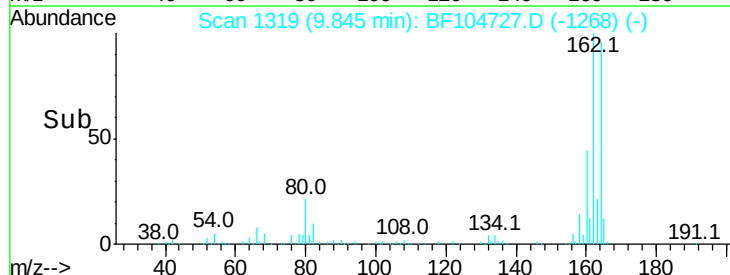
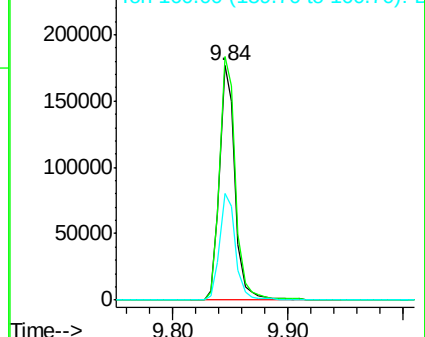
164 100

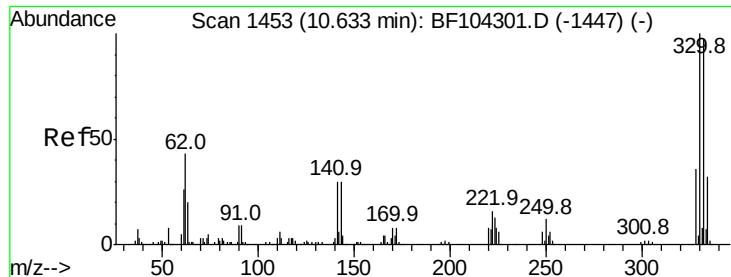
162 103.9 86.1 129.1

160 45.7 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: 89.732 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BF104727.D

Acq: 24 Apr 2018 00:42

Instrument :

BNA_F

ClientSampled :

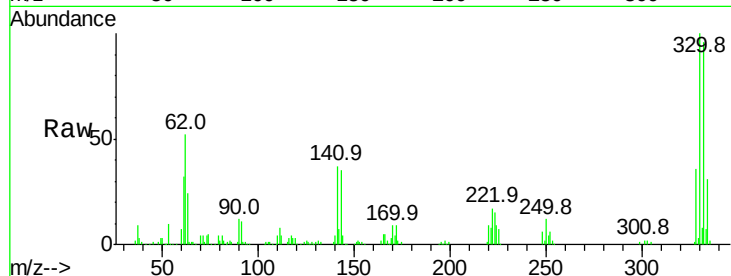
Tot Ion:330 Resp: 154074

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

141 33.6 29.9 44.9

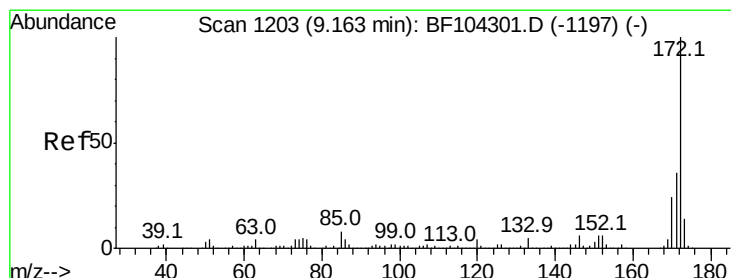
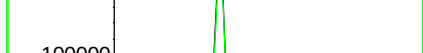
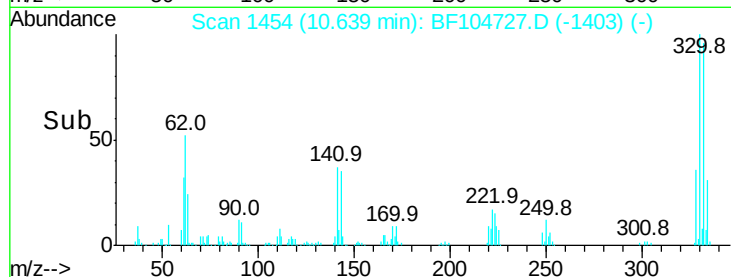


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->



#44

2-Fluorobiphenyl

Concen: 110.183 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF104727.D

Acq: 24 Apr 2018 00:42

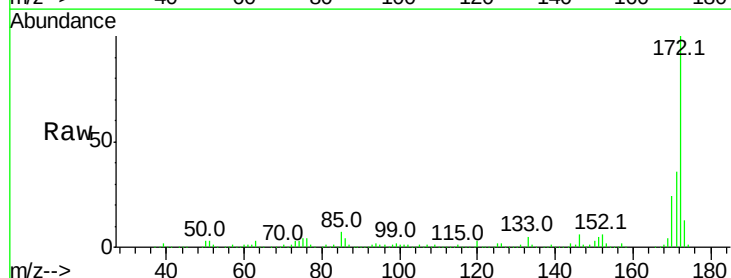
Tgt Ion:172 Resp: 1154499

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

170 24.3 19.6 29.4

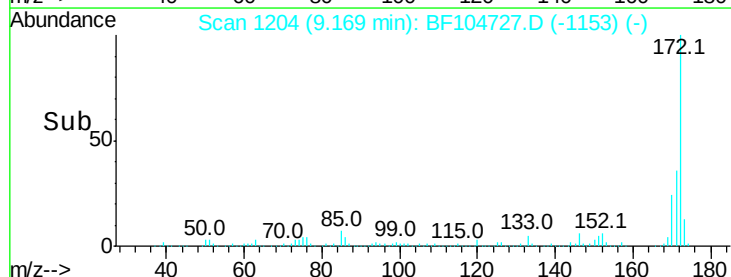


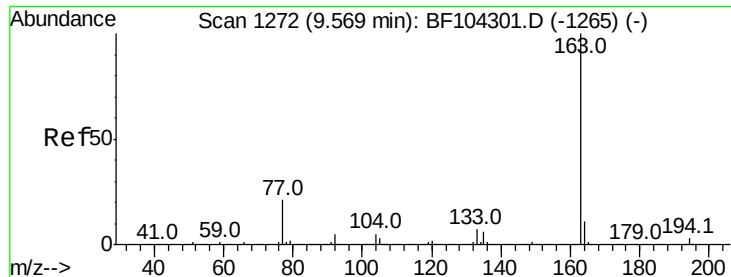
Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

Time-->

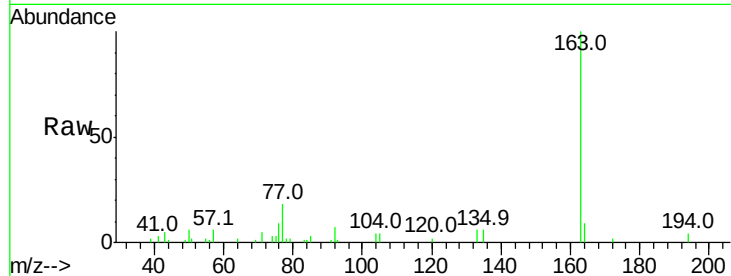




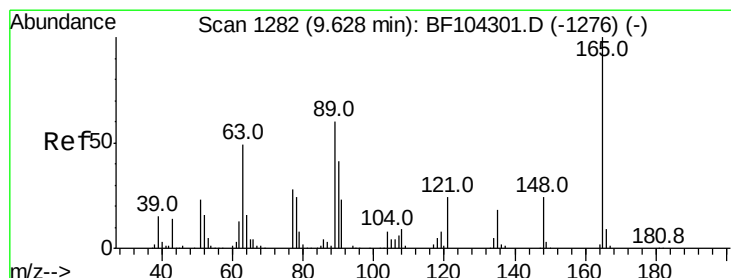
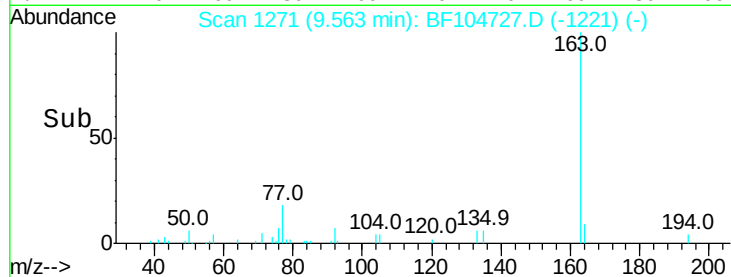
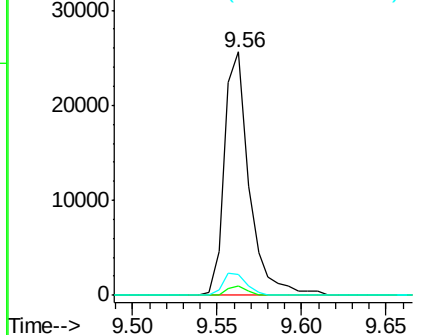
#49
Dimethylphthalate
Concen: 2.012 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 26262
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 8.5 8.2 12.2

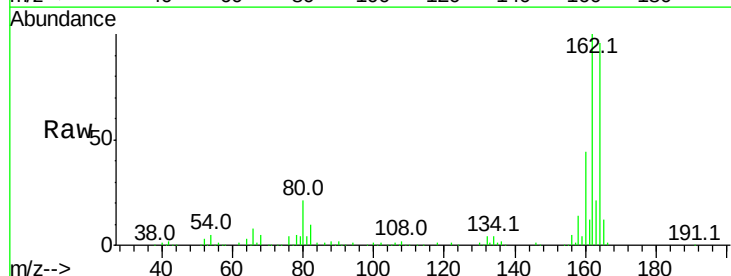


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

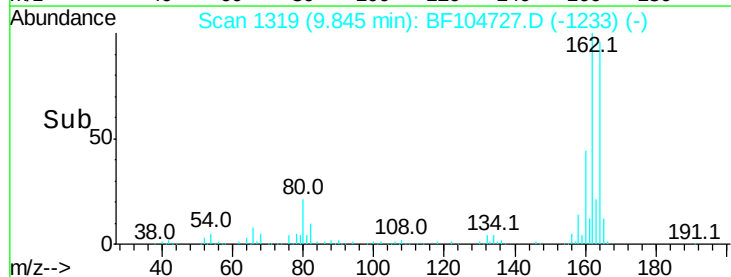
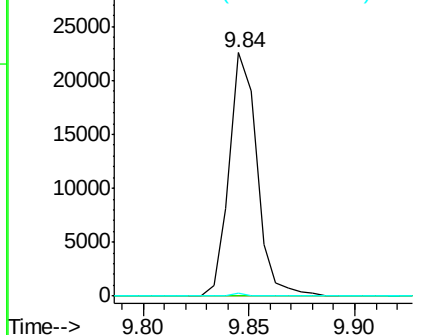


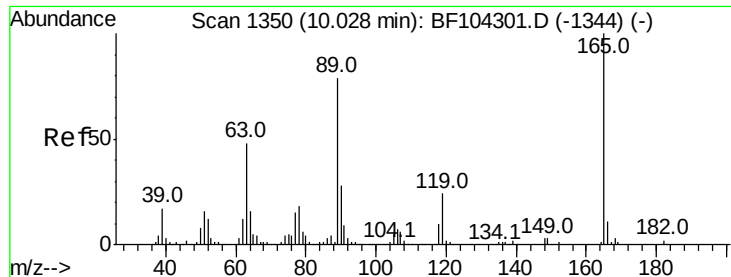
#50
2,6-Dinitrotoluene
Concen: 8.511 ng
RT: 9.84 min Scan# 1319
Delta R.T. 0.21 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Tgt Ion:165 Resp: 20556
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.4 44.0 66.0#



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

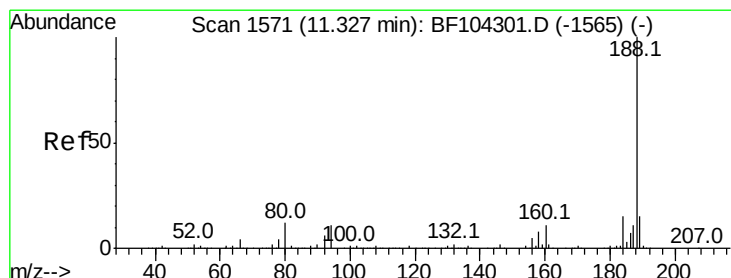
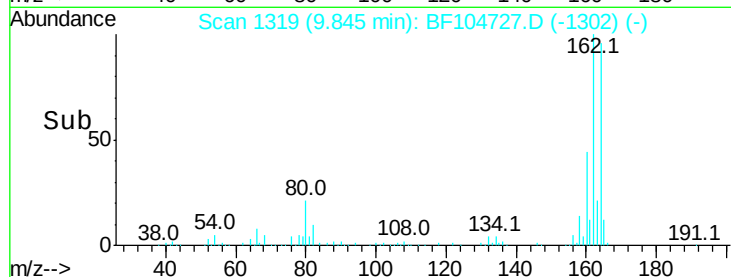
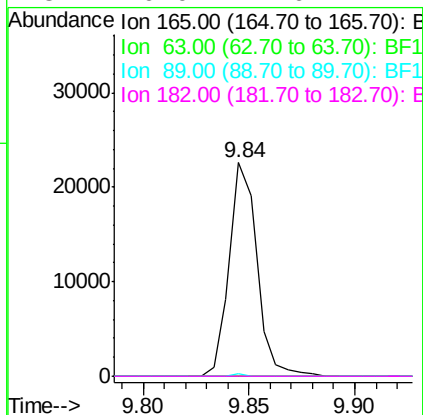
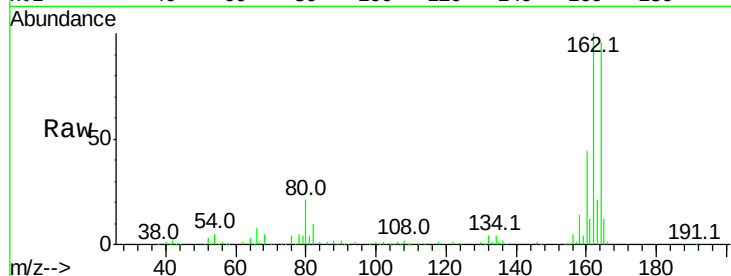




#56
 2,4-Dinitrotoluene
 Concen: 6.488 ng
 RT: 9.84 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF104727.D
 Acq: 24 Apr 2018 00:42

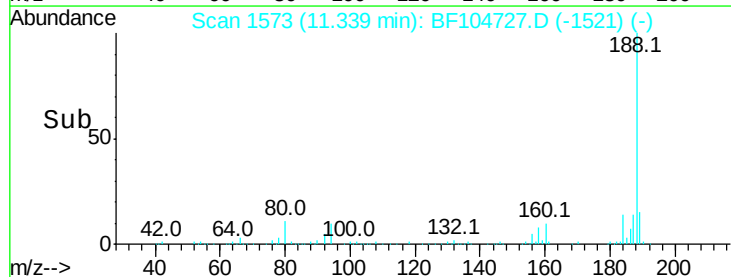
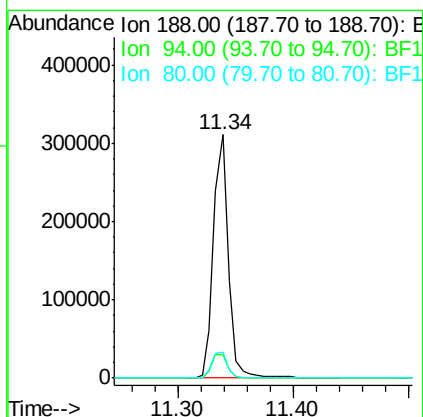
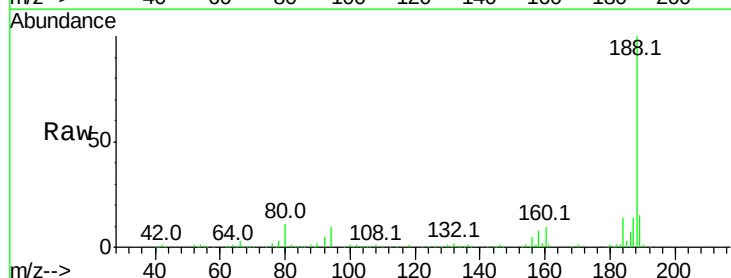
Instrument :
 BNA_F
 ClientSampleId :

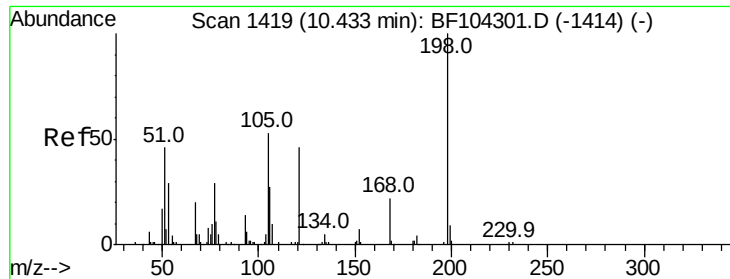
Tot Ion:	165	Resp:	20556
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. 0.01 min
 Lab File: BF104727.D
 Acq: 24 Apr 2018 00:42

Tgt Ion:	188	Resp:	279909
Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.5	12.7
80	10.6	9.2	13.8

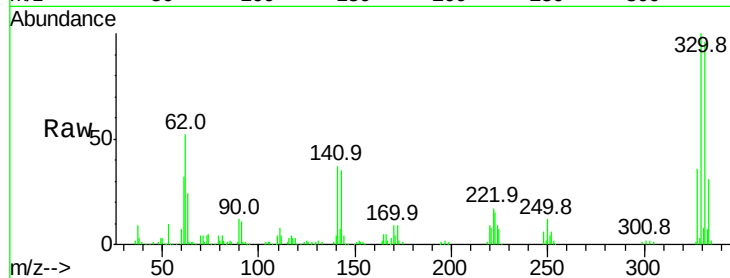




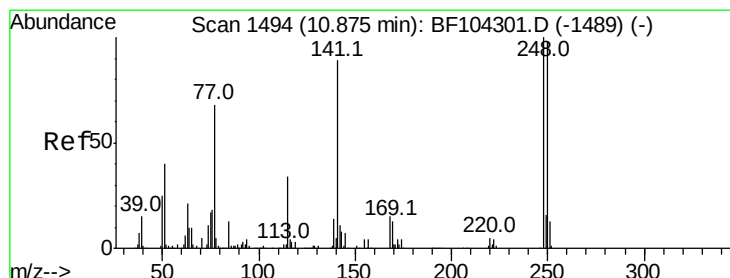
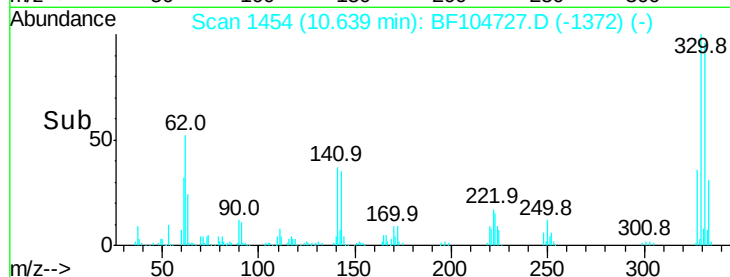
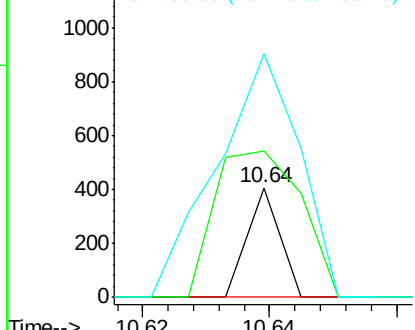
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.436 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.18 min
 Lab File: BF104727.D
 Acq: 24 Apr 2018 00:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 143
 Ion Ratio Lower Upper
 198 100
 51 133.7 37.7 77.7#
 105 222.4 36.3 76.3#

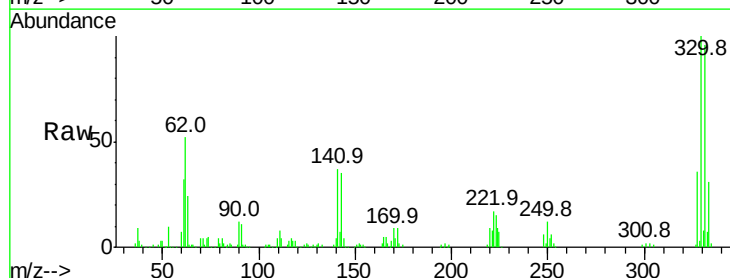


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

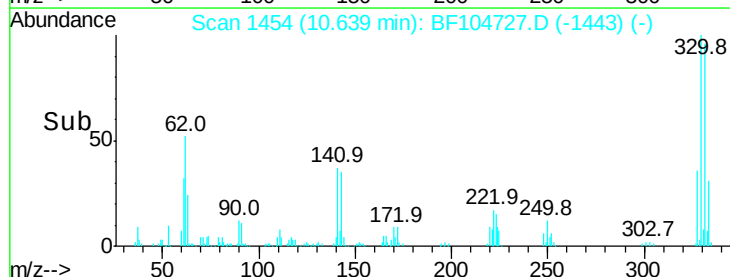
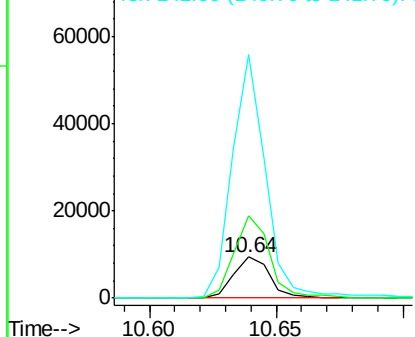


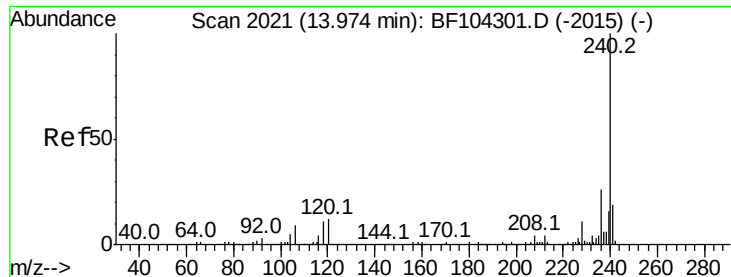
#66
 4-Bromophenyl-phenylether
 Concen: 3.102 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF104727.D
 Acq: 24 Apr 2018 00:42

Tgt Ion:248 Resp: 9236
 Ion Ratio Lower Upper
 248 100
 250 200.1 76.9 115.3#
 141 594.1 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: BF104727.D

Acq: 24 Apr 2018 00:42

Instrument :

BNA_F

ClientSampleId :

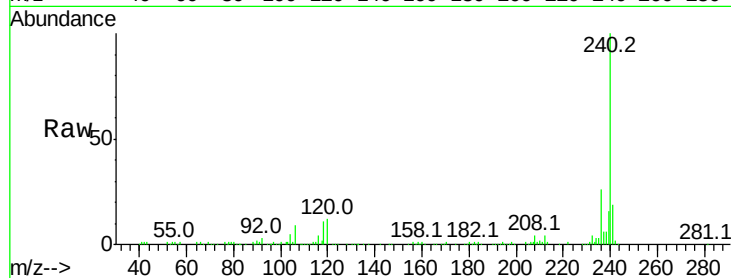
Tot Ion:240 Resp: 177402

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

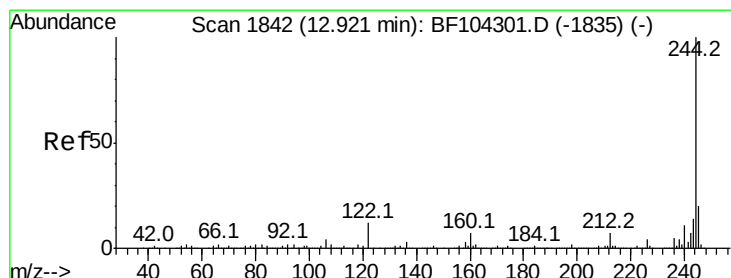
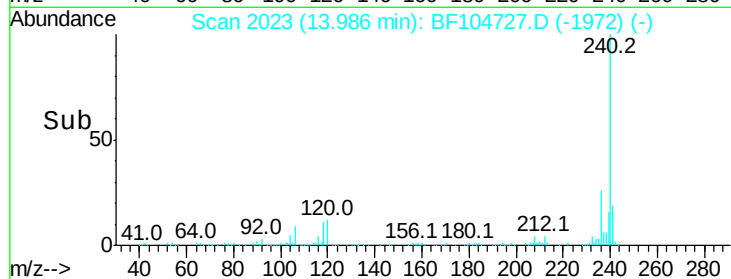
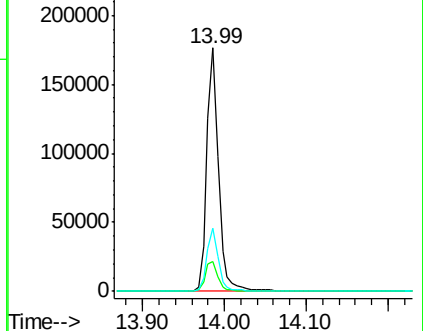
236 26.0 20.7 31.1



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: 134.008 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104727.D

Acq: 24 Apr 2018 00:42

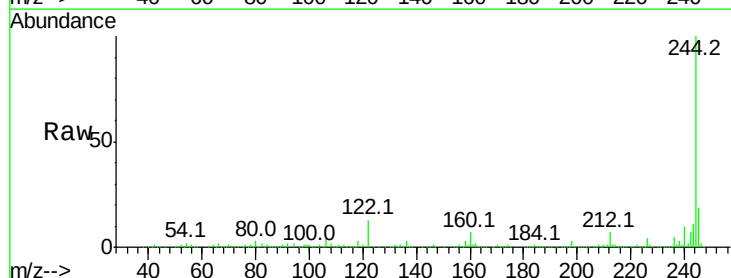
Tgt Ion:244 Resp: 1042769

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

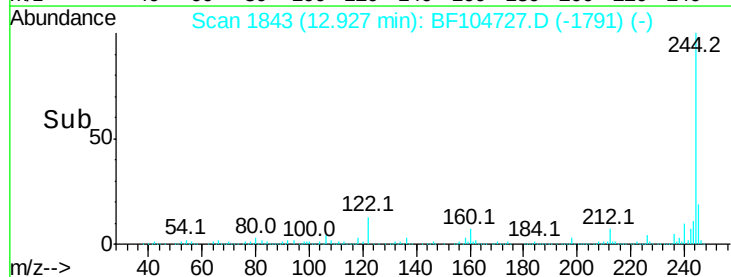
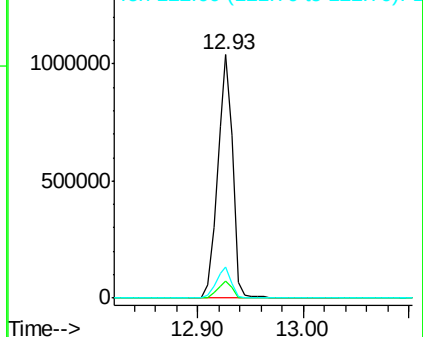
122 12.7 11.0 16.4

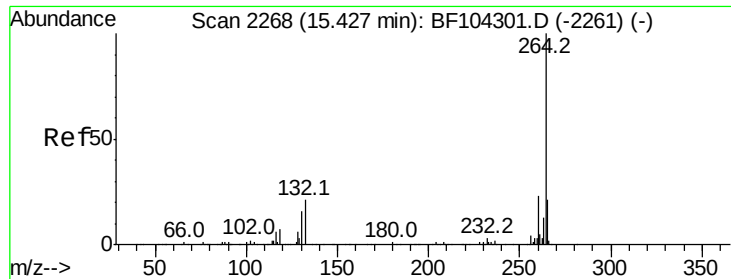


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2273
Delta R.T. 0.01 min
Lab File: BF104727.D
Acq: 24 Apr 2018 00:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 134007

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.0	17.5	26.3

