

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104630.D
 Acq On : 19 Apr 2018 14:45
 Operator : JU/SJ
 Sample : PB108328BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 19 16:24:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

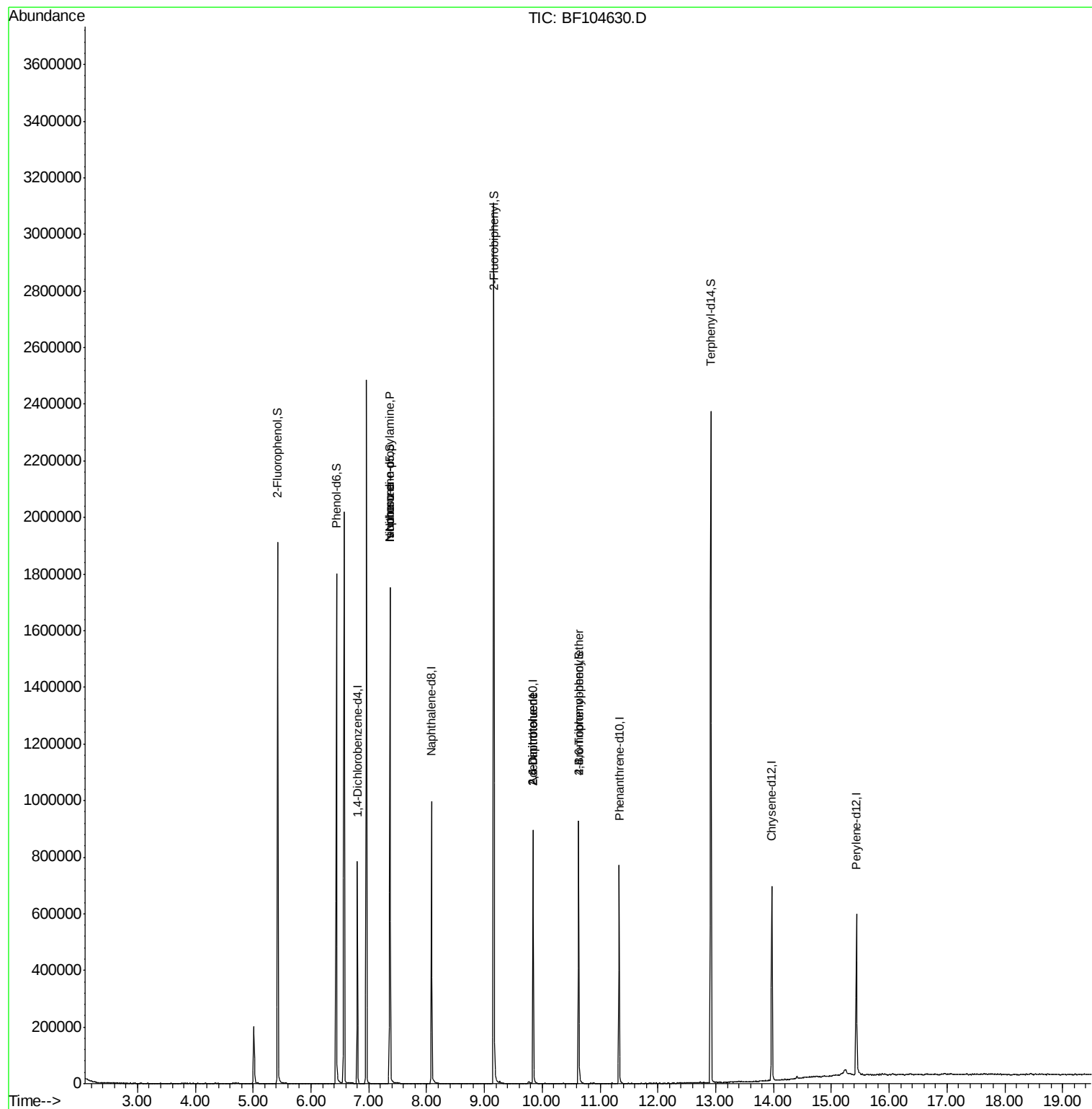
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	118384	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	447453	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	175390	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	260020	20.00	ng	0.00
75) Chrysene-d12	13.97	240	256497	20.00	ng	-0.02
86) Perylene-d12	15.43	264	272356	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	559941	72.32	ng	0.00
7) Phenol-d6	6.44	99	631053	66.34	ng	0.00
23) Nitrobenzene-d5	7.37	82	595648	86.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	117970	64.84	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	977563	88.05	ng	0.00
78) Terphenyl-d14	12.92	244	777867	69.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	75758	12.187	ng	# 72
25) Isophorone	7.37	82	593356	40.948	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	21120	8.252	ng	# 26
56) 2,4-Dinitrotoluene	9.84	165	21120	6.291	ng	# 23
66) 4-Bromophenyl-phenylether	10.63	248	7106	2.569	ng	# 1
76) Benzidine	12.92	184	10096	Below Cal		# 95

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

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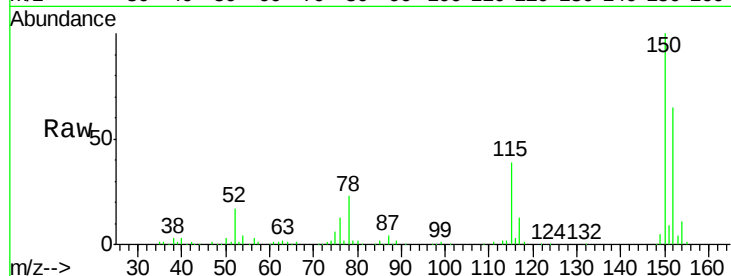


#1

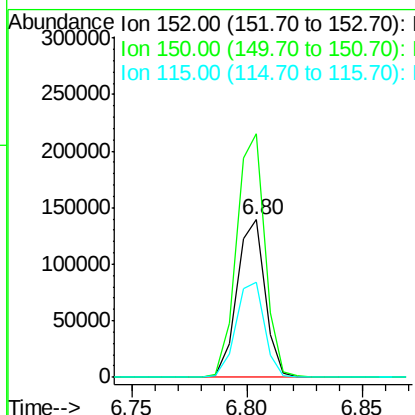
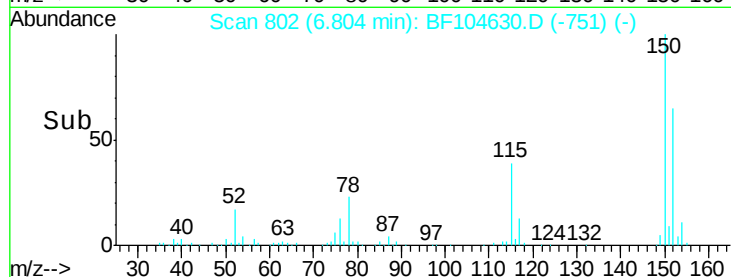
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104630.D
Acq: 19 Apr 2018 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 118384
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.2 50.1 75.1



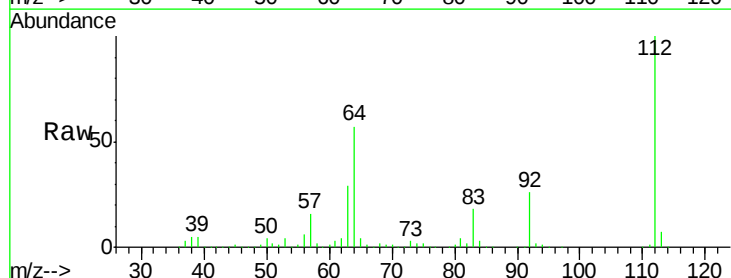
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



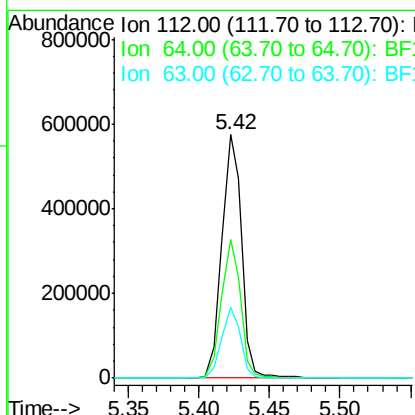
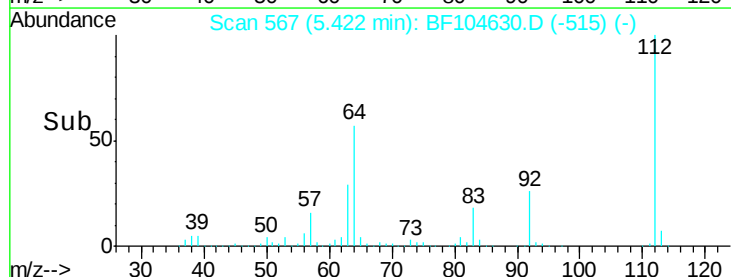
#5

2-Fluorophenol
Concen: 72.322 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF104630.D
Acq: 19 Apr 2018 14:45

Tgt Ion:112 Resp: 559941
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 28.9 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: 66.337 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104630.D

Acq: 19 Apr 2018 14:45

Instrument :

BNA_F

ClientSampleId :

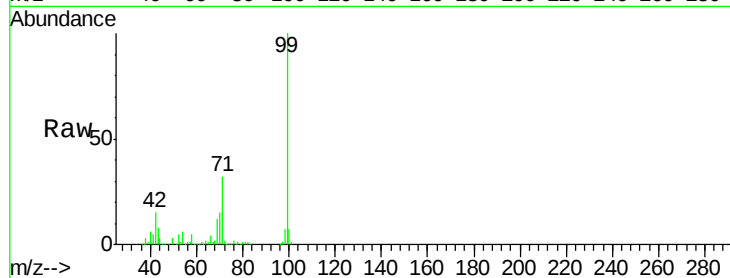
Tot Ion: 99 Resp: 631053

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

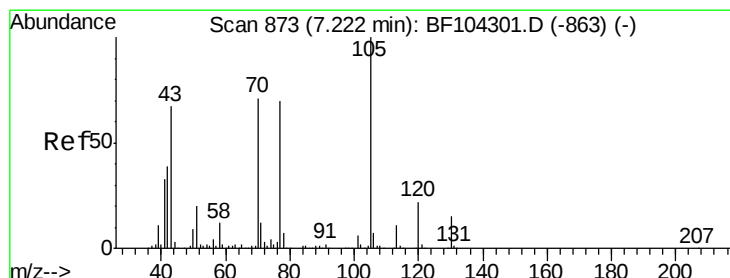
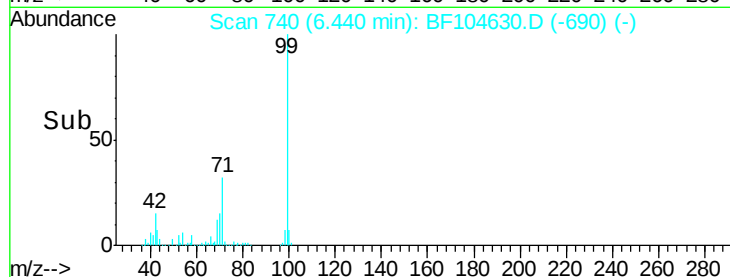
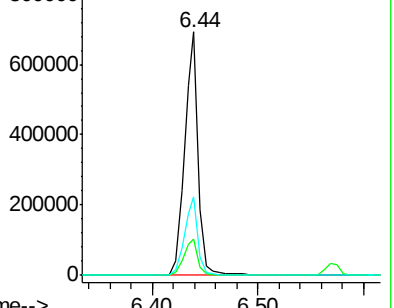
71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.187 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.14 min

Lab File: BF104630.D

Acq: 19 Apr 2018 14:45

Tgt Ion: 70 Resp: 75758

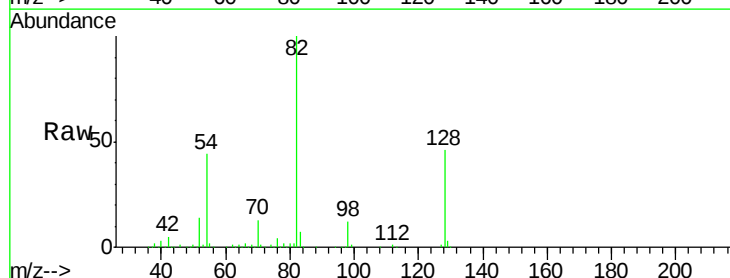
Ion Ratio Lower Upper

70 100

42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

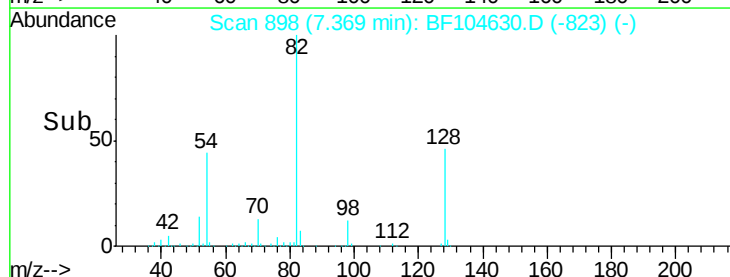
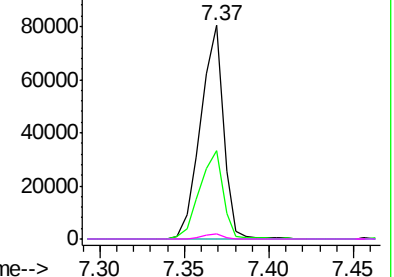


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

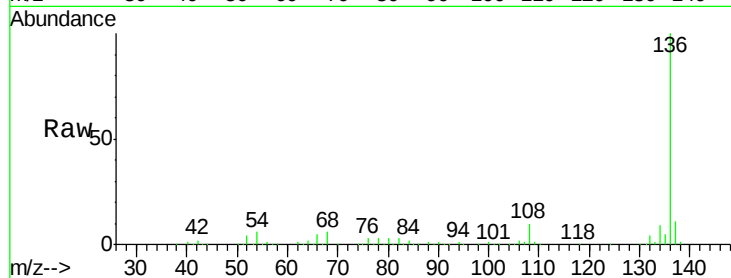




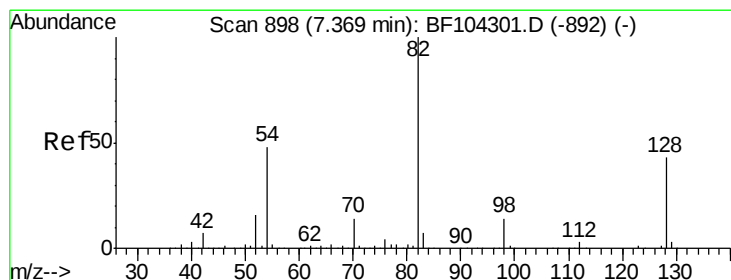
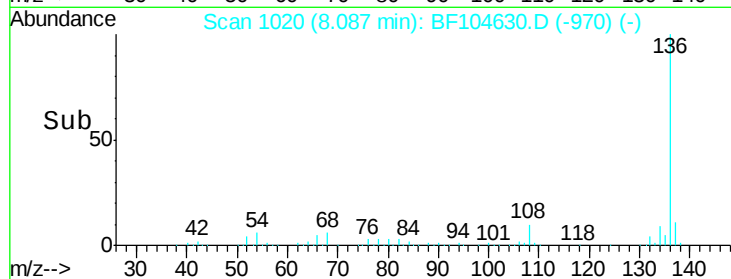
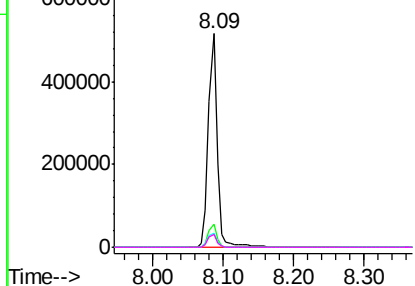
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF104630.D
Acq: 19 Apr 2018 14:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	447453
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.5	6.6 9.8#
68	6.0	5.0 7.4

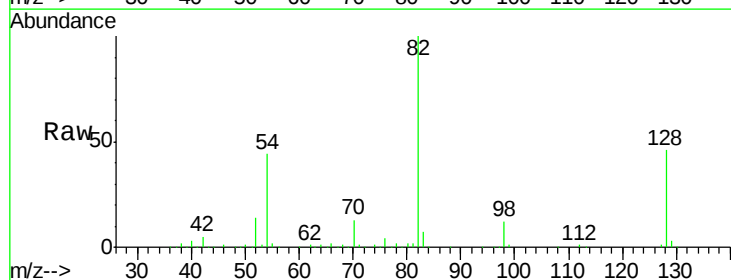


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
600000
Ion 54.00 (53.70 to 54.70): BF1
400000
Ion 68.00 (67.70 to 68.70): BF1
200000
0

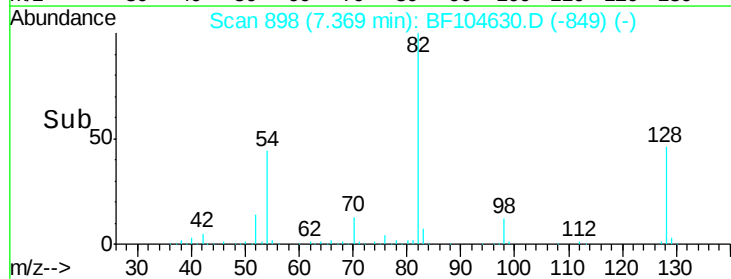
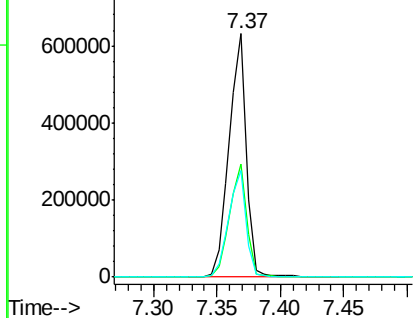


#23
Nitrobenzene-d5
Concen: 86.925 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104630.D
Acq: 19 Apr 2018 14:45

Tgt Ion: 82	Resp:	595648
Ion Ratio	Lower	Upper
82	100	
128	46.3	36.1 54.1
54	43.9	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
800000
Ion 128.00 (127.70 to 128.70): E
600000
Ion 54.00 (53.70 to 54.70): BF1
400000
200000
0





#25

Isophorone

Concen: 40.948 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104630.D

Acq: 19 Apr 2018 14:45

Instrument :

BNA_F

ClientSampleId :

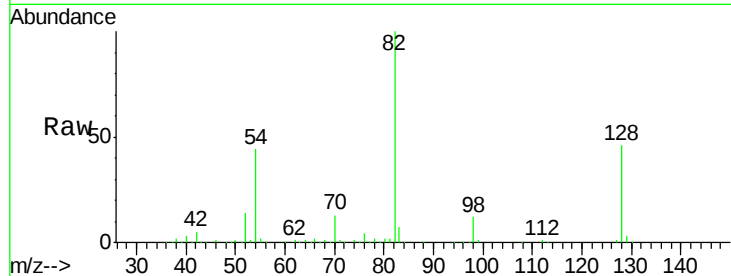
Tot Ion: 82 Resp: 593356

Ion Ratio Lower Upper

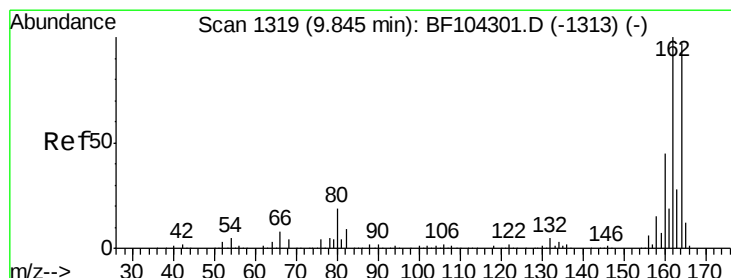
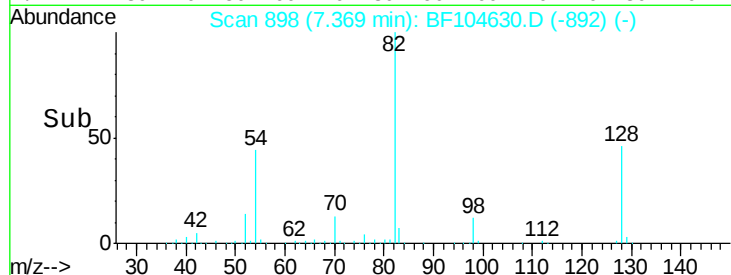
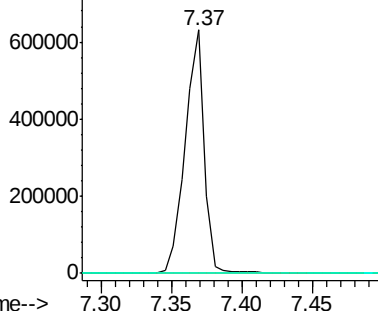
82 100

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# 1318

Delta R.T. -0.01 min

Lab File: BF104630.D

Acq: 19 Apr 2018 14:45

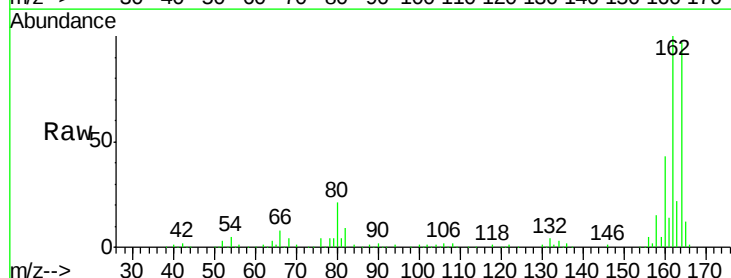
Tgt Ion: 164 Resp: 175390

Ion Ratio Lower Upper

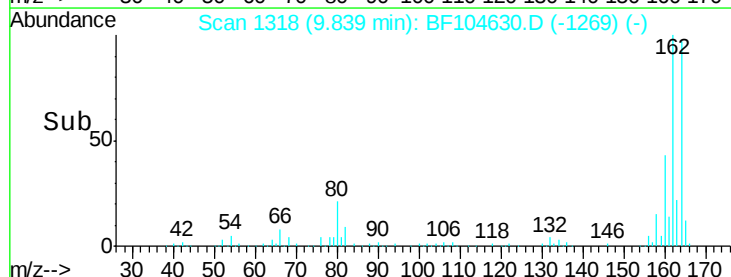
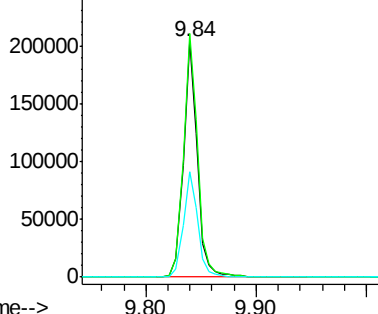
164 100

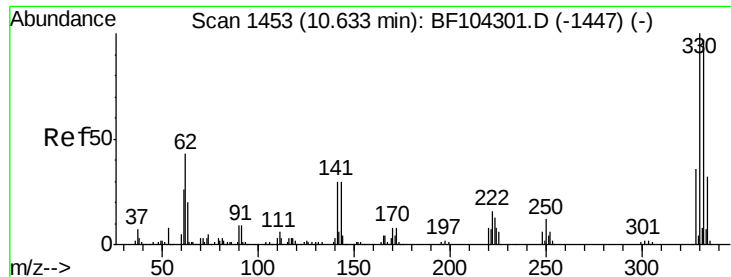
162 103.4 86.1 129.1

160 44.5 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

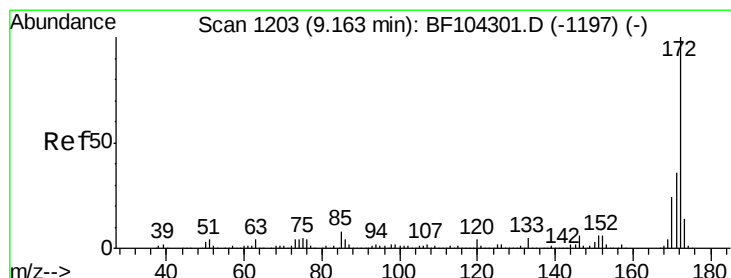
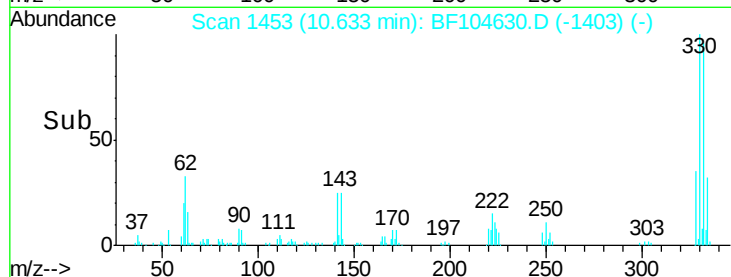
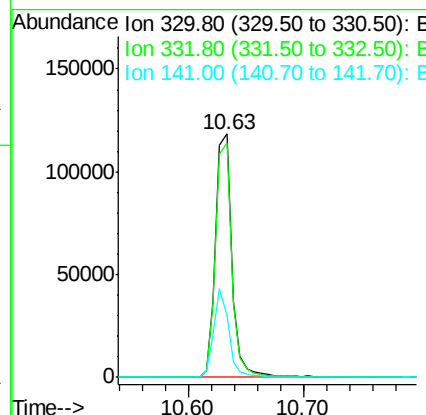
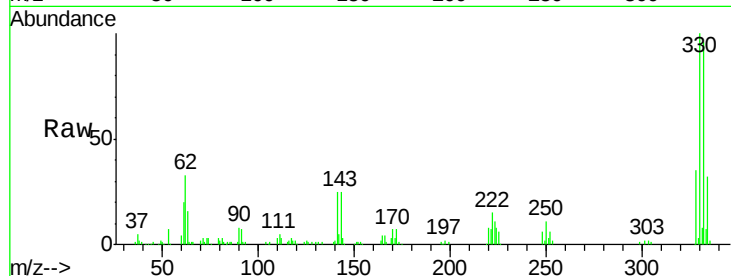




#41
 2,4,6-Tribromophenol
 Concen: 64.841 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104630.D
 Acq: 19 Apr 2018 14:45

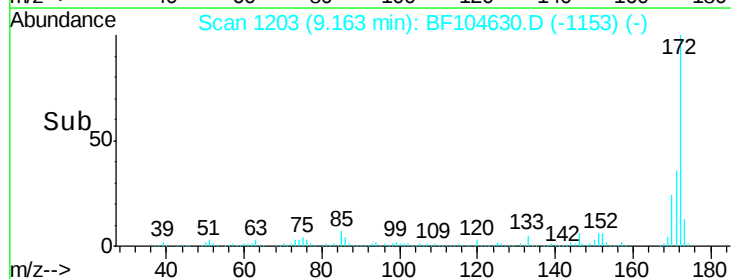
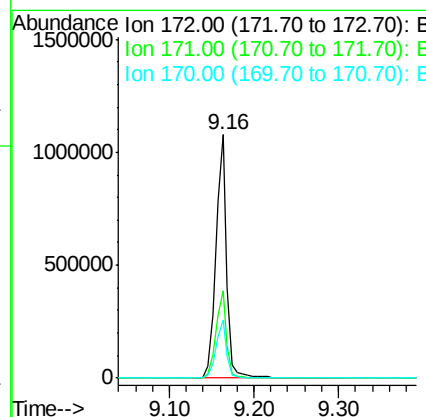
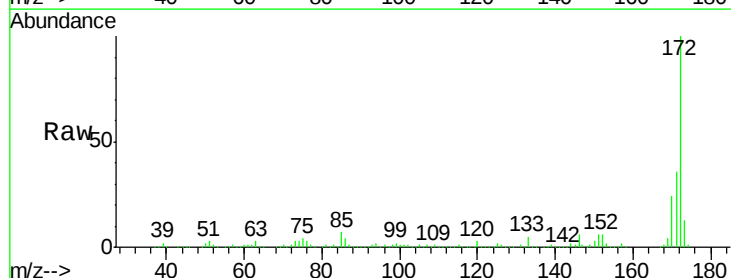
Instrument :
 BNA_F
 ClientSampleId :

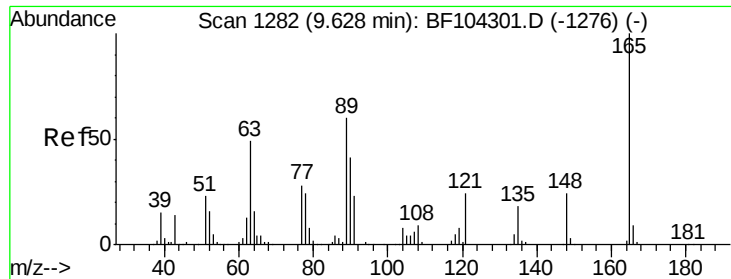
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 88.050 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF104630.D
 Acq: 19 Apr 2018 14:45

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

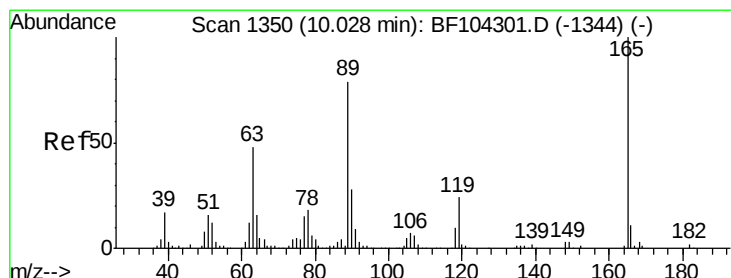
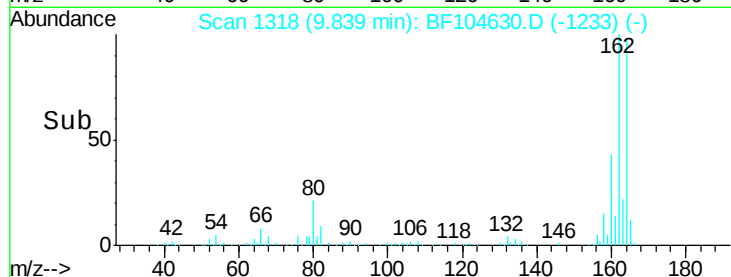
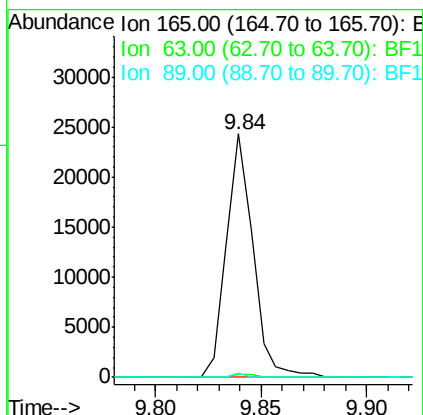
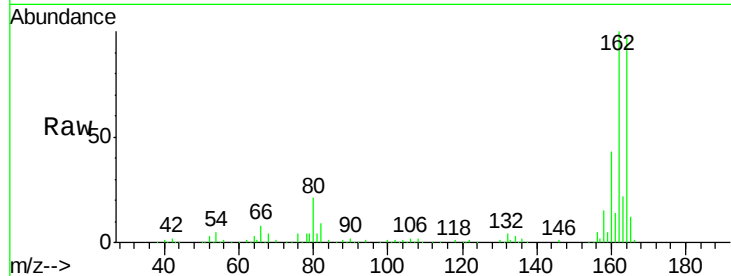




#50
 2,6-Dinitrotoluene
 Concen: 8.252 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.20 min
 Lab File: BF104630.D
 Acq: 19 Apr 2018 14:45

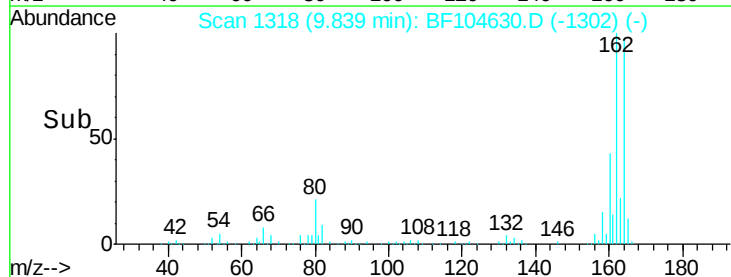
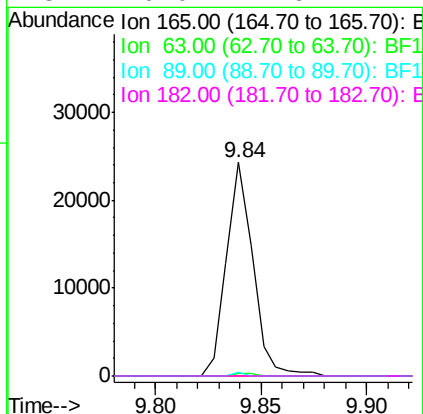
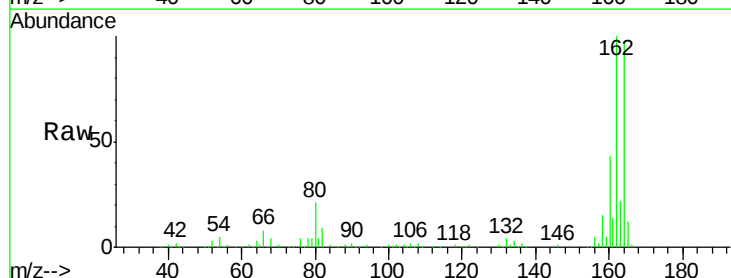
Instrument :
 BNA_F
 ClientSampleId :

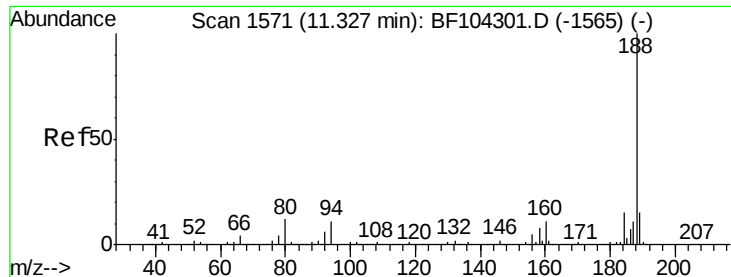
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.7	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.291 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.21 min
 Lab File: BF104630.D
 Acq: 19 Apr 2018 14:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.7	57.8	86.6#
182	0.0	1.6	2.4#

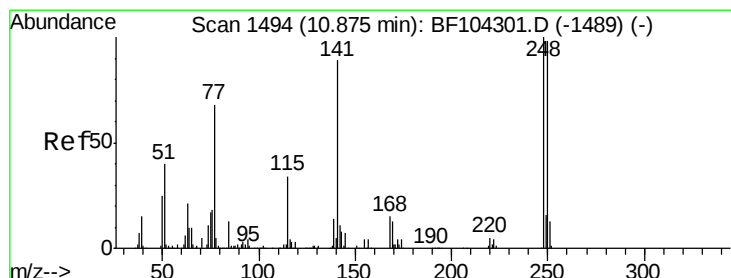
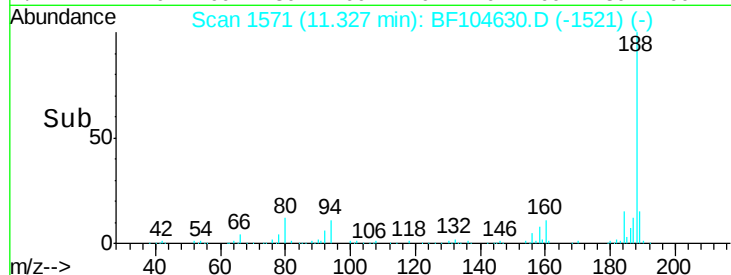
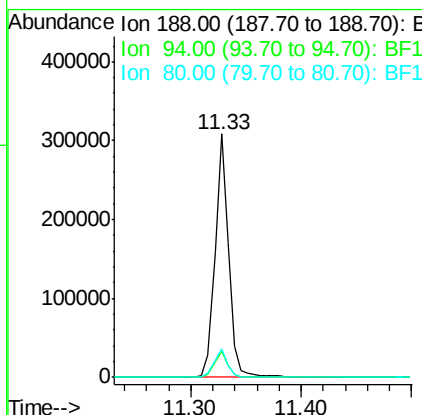
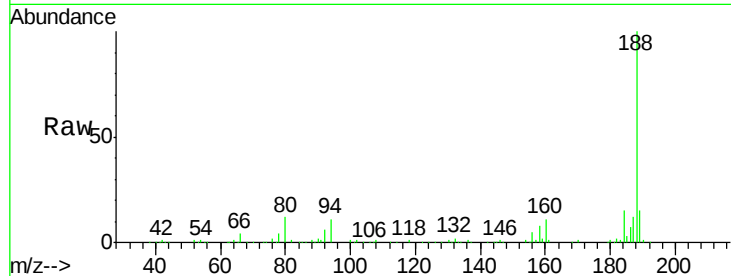




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BF104630.D
Acq: 19 Apr 2018 14:45

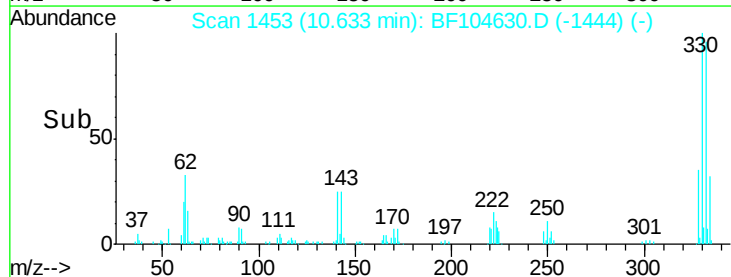
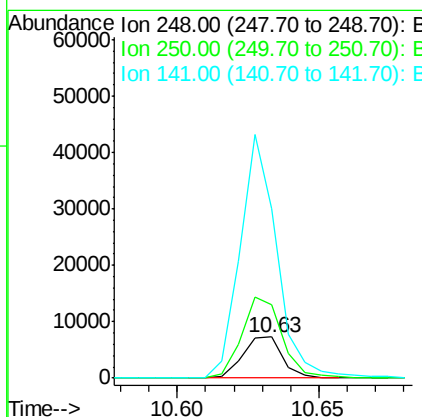
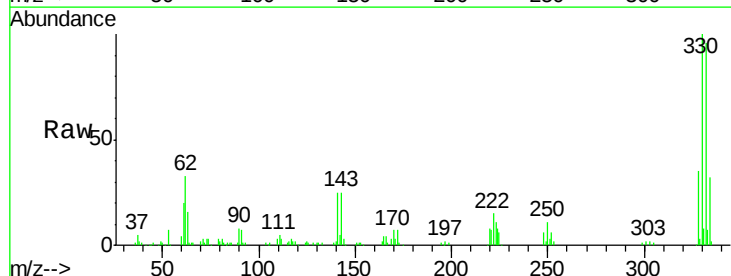
Instrument :
BNA_F
ClientSampleId :

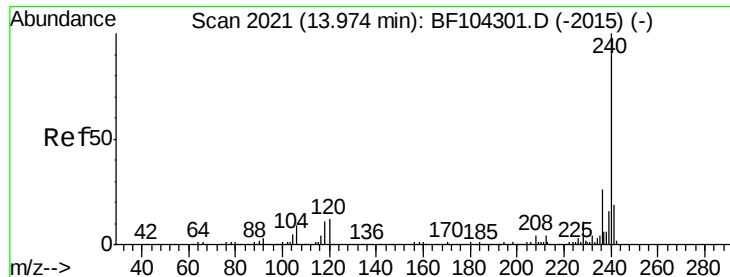
Tot Ion:188 Resp: 260020
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.6 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.569 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF104630.D
Acq: 19 Apr 2018 14:45

Tgt Ion:248 Resp: 7106
Ion Ratio Lower Upper
248 100
250 179.1 76.9 115.3#
141 412.2 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.02 min

Lab File: BF104630.D

Acq: 19 Apr 2018 14:45

Instrument :

BNA_F

ClientSampleId :

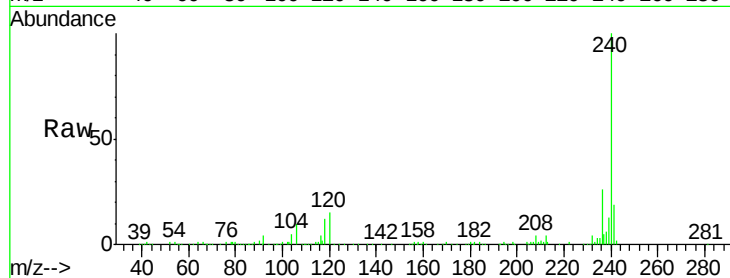
Tot Ion:240 Resp: 256497

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

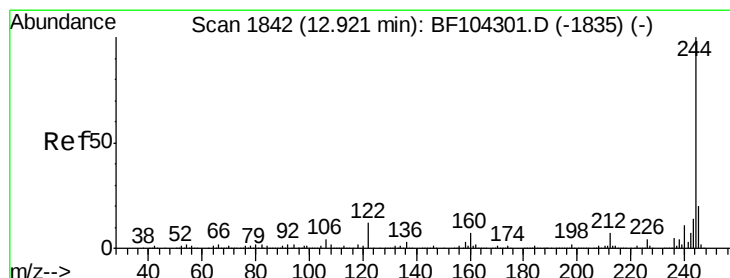
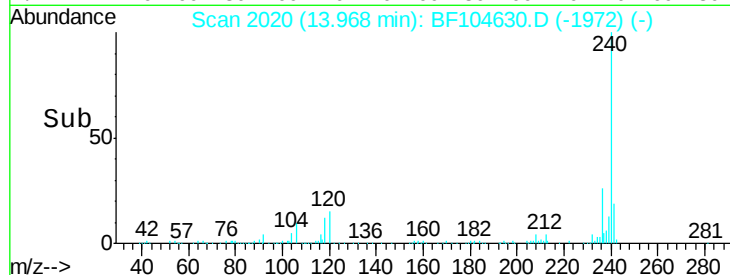
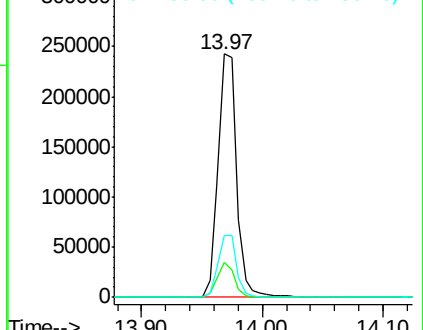
236 25.7 20.7 31.1



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: 69.139 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104630.D

Acq: 19 Apr 2018 14:45

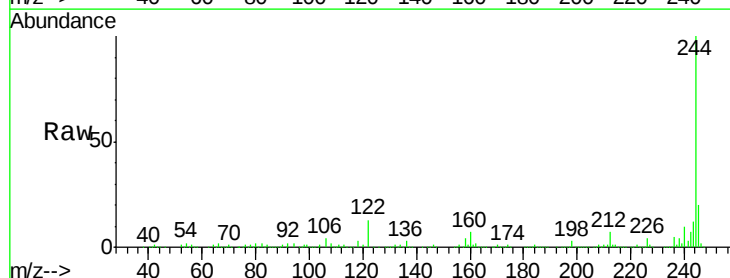
Tgt Ion:244 Resp: 777867

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

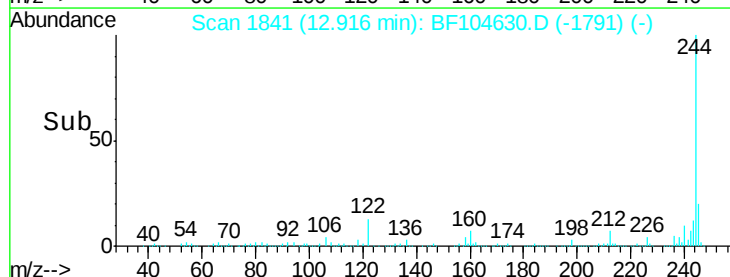
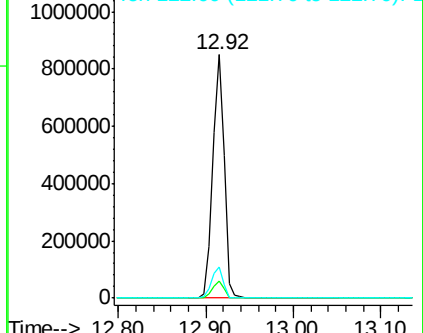
122 12.7 11.0 16.4

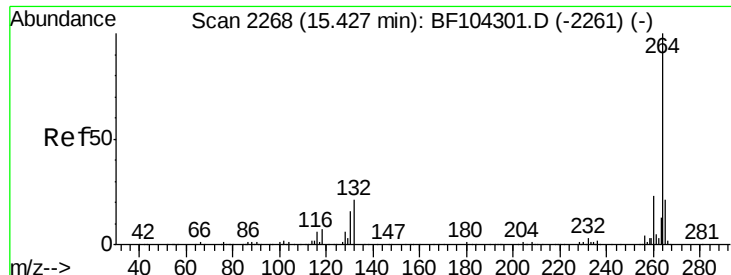


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

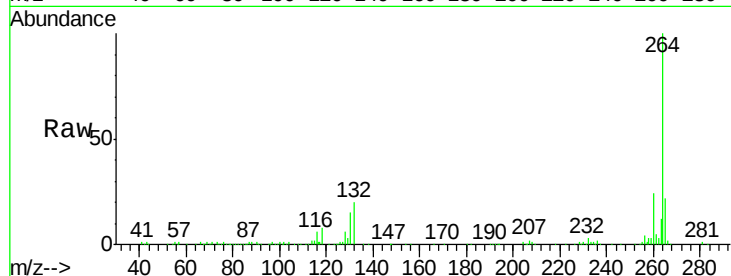




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104630.D
 Acq: 19 Apr 2018 14:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.7	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

