

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040918\
 Data File : BF104378.D
 Acq On : 9 Apr 2018 17:56
 Operator : JU/SJ
 Sample : J2157-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 01:17:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 06 16:44:53 2018
 Response via : Initial Calibration

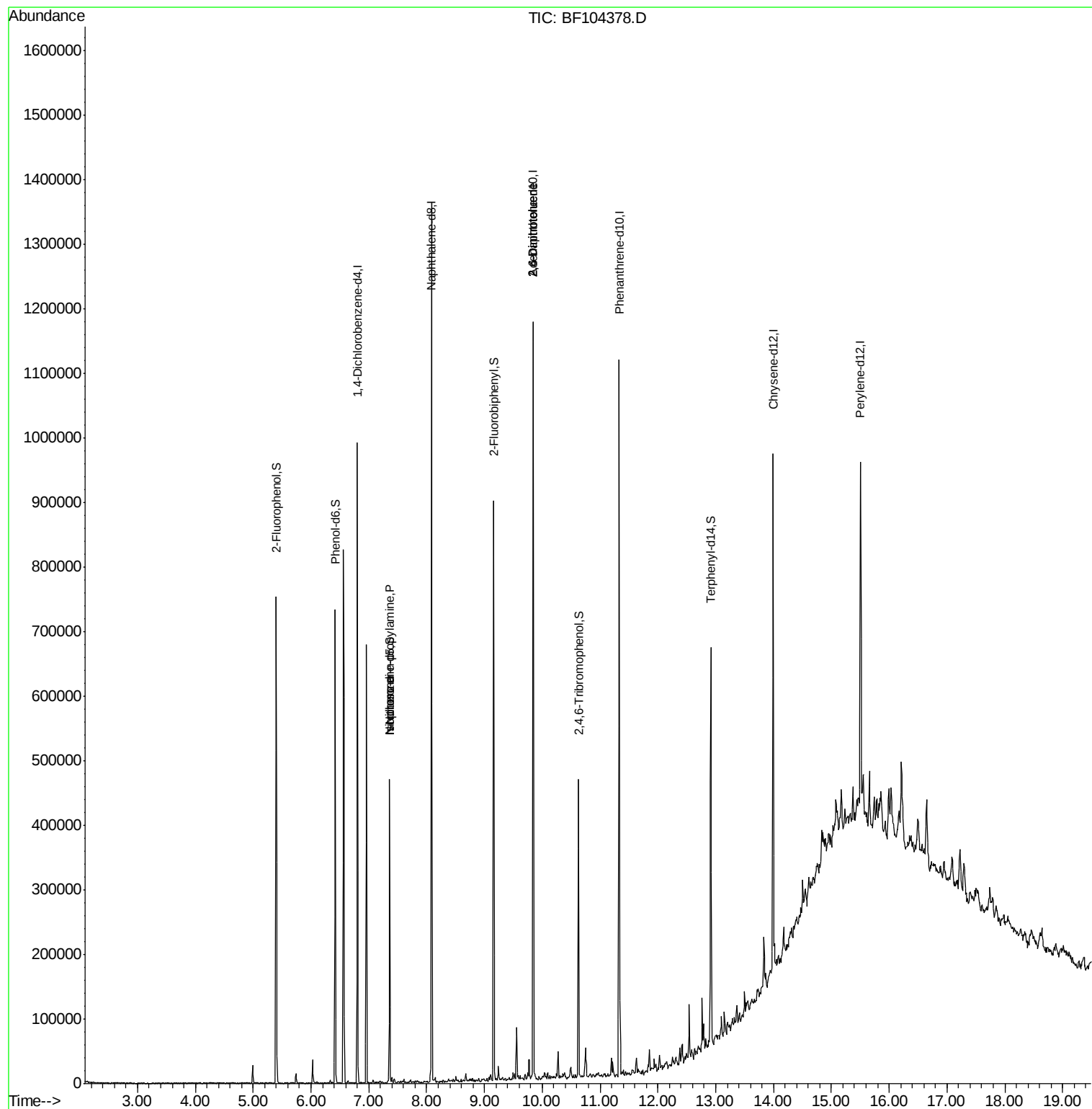
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	131806	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	532331	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	236181	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	361451	20.00	ng	0.00
75) Chrysene-d12	13.99	240	269756	20.00	ng	0.02
86) Perylene-d12	15.50	264	255650	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	195815	22.72	ng	0.00
7) Phenol-d6	6.42	99	241853	22.84	ng	-0.01
23) Nitrobenzene-d5	7.36	82	136224	16.71	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	48549	19.82	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	263435	17.62	ng	0.00
78) Terphenyl-d14	12.92	244	176456	14.91	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	4205	Below Cal		93
19) n-Nitroso-di-n-propylamine	7.36	70	16475	2.380 ng	#	73
25) Isophorone	7.36	82	136220	7.902 ng	#	64
50) 2,6-Dinitrotoluene	9.84	165	30918	8.971 ng	#	26
56) 2,4-Dinitrotoluene	9.84	165	30918	6.839 ng	#	23
76) Benzidine	12.69	184	107	Below Cal	#	1

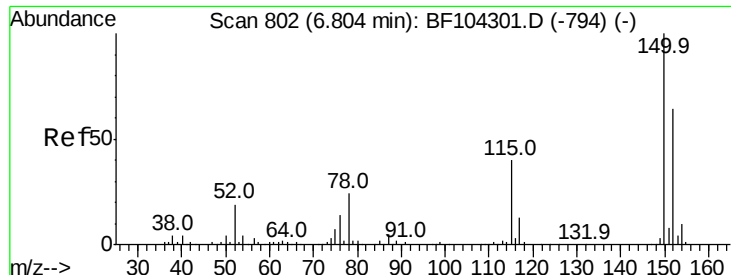
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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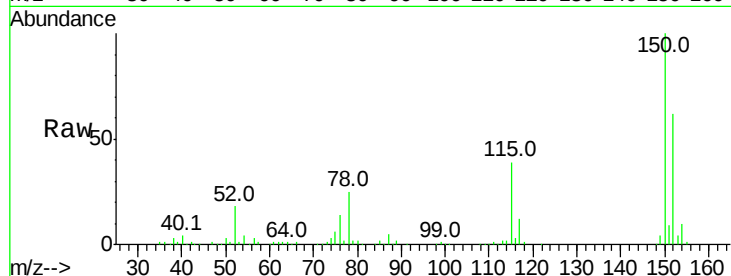


#1

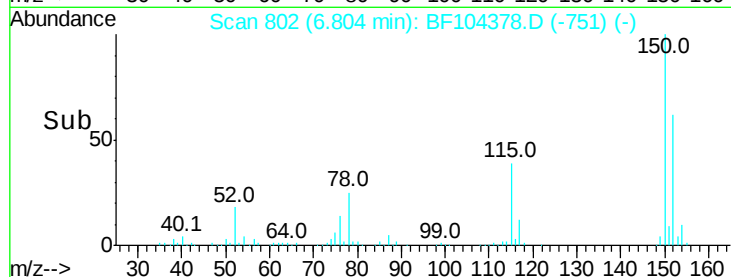
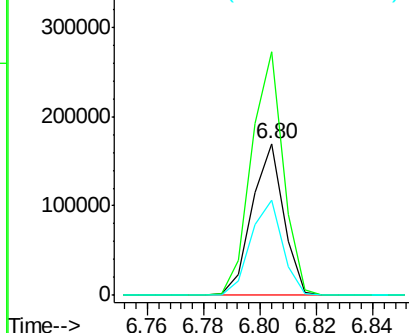
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104378.D
Acq: 9 Apr 2018 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 131806
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 62.6 50.1 75.1



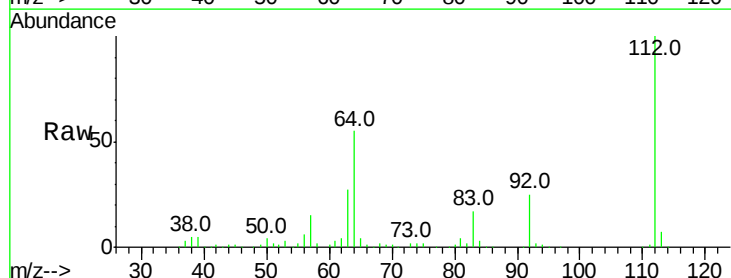
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



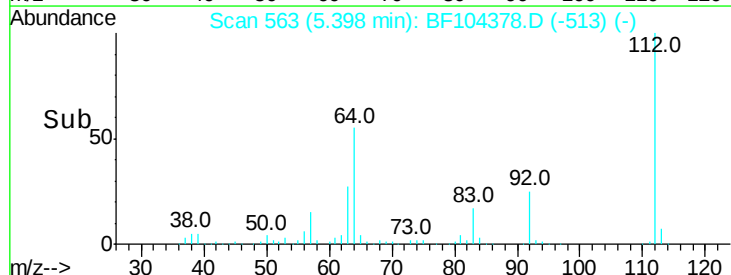
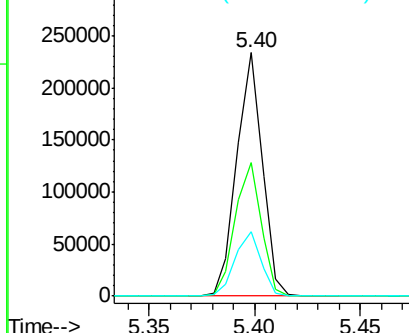
#5

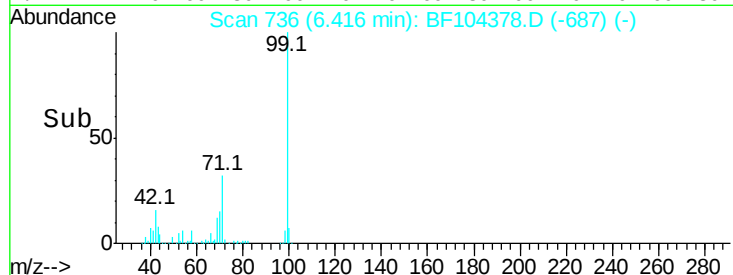
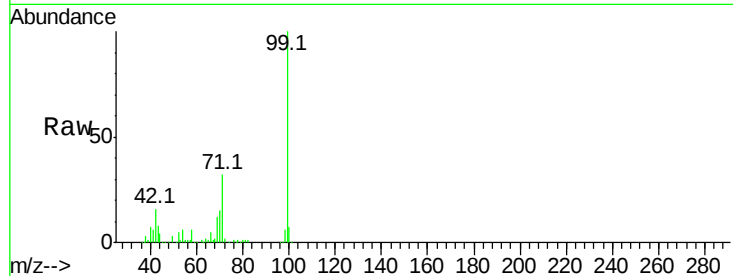
2-Fluorophenol
Concen: 22.716 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF104378.D
Acq: 9 Apr 2018 17:56

Tgt Ion:112 Resp: 195815
Ion Ratio Lower Upper
112 100
64 54.6 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: 22.835 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104378.D

Acq: 9 Apr 2018 17:56

Instrument :

BNA_F

ClientSampleId :

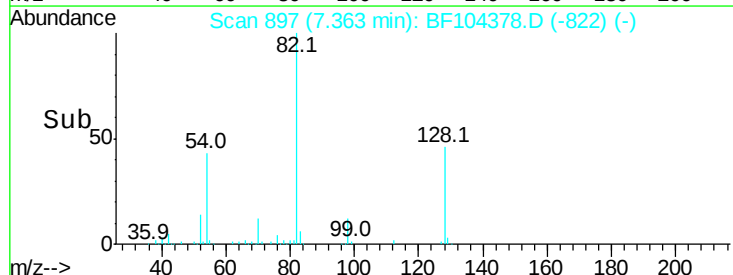
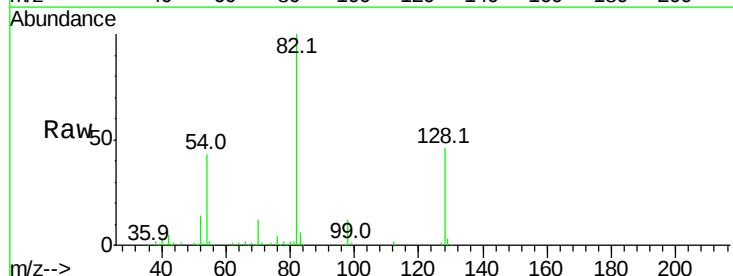
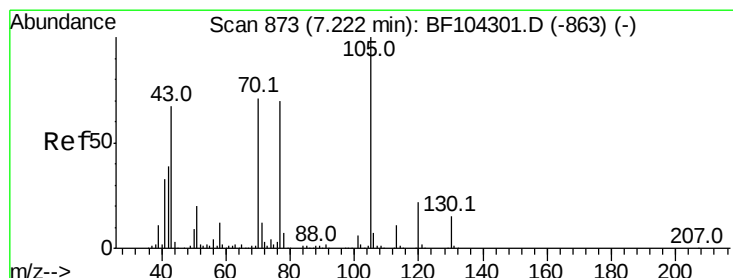
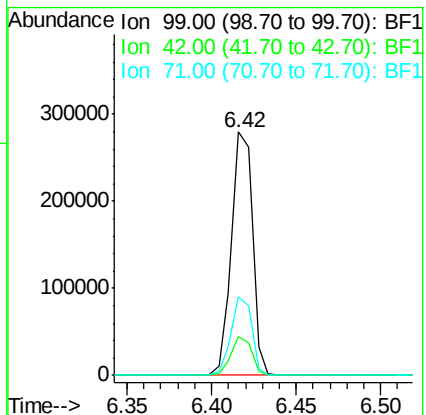
Tot Ion: 99 Resp: 241853

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 32.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.380 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF104378.D

Acq: 9 Apr 2018 17:56

Tgt Ion: 70 Resp: 16475

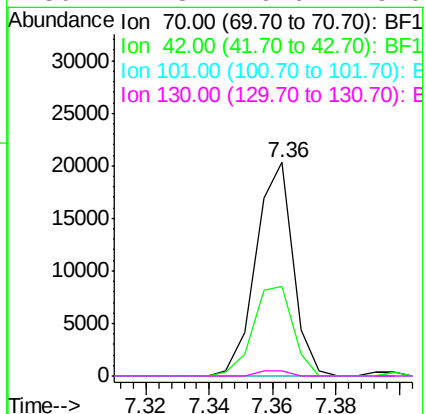
Ion Ratio Lower Upper

70 100

42 42.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104378.D

Acq: 9 Apr 2018 17:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 532331

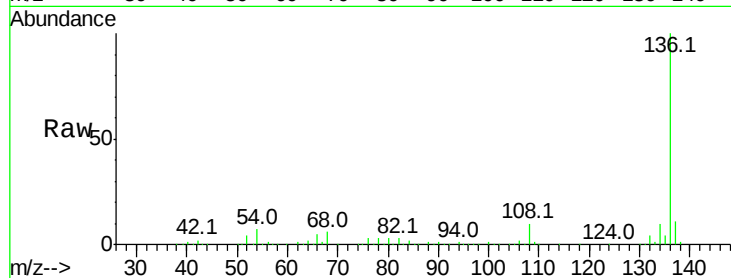
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.2 6.6 9.8

68 6.4 5.0 7.4

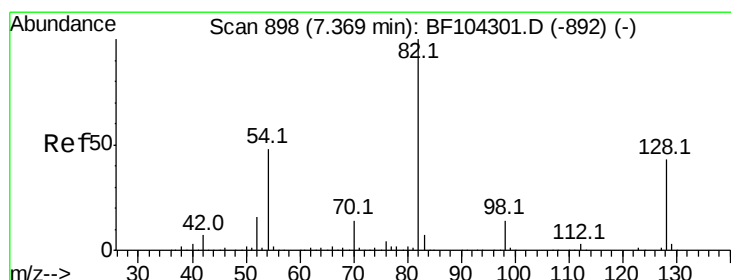
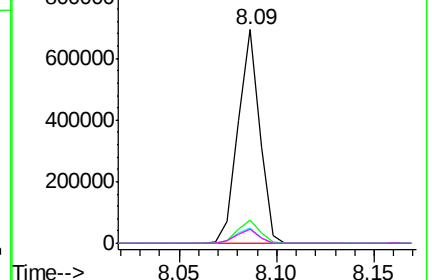
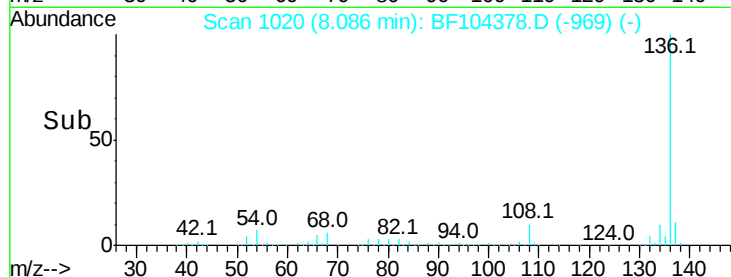


Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.710 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF104378.D

Acq: 9 Apr 2018 17:56

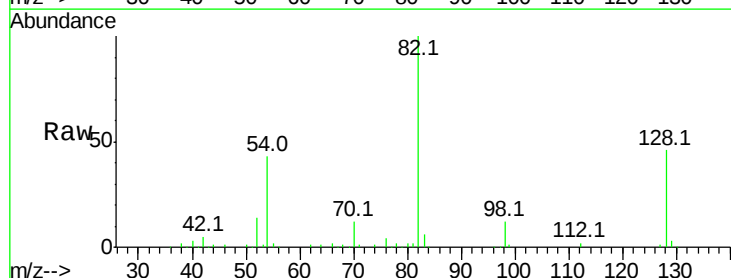
Tgt Ion: 82 Resp: 136224

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

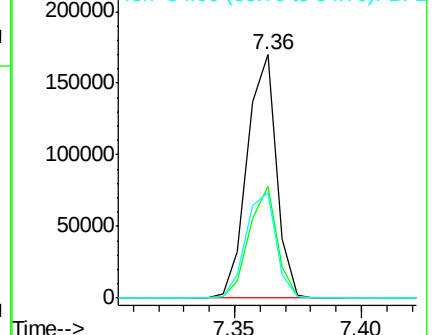
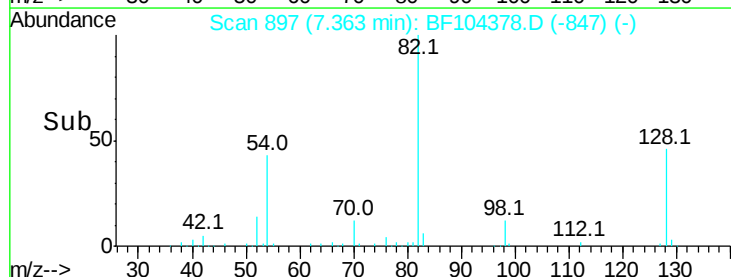
54 43.3 41.4 62.2



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: 7.902 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF104378.D

Acq: 9 Apr 2018 17:56

Instrument :

BNA_F

ClientSampled :

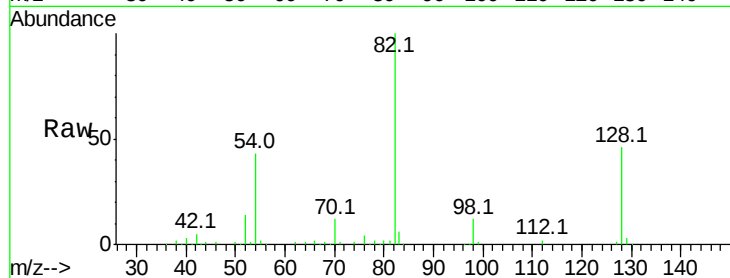
Tot Ion: 82 Resp: 136220

Ion Ratio Lower Upper

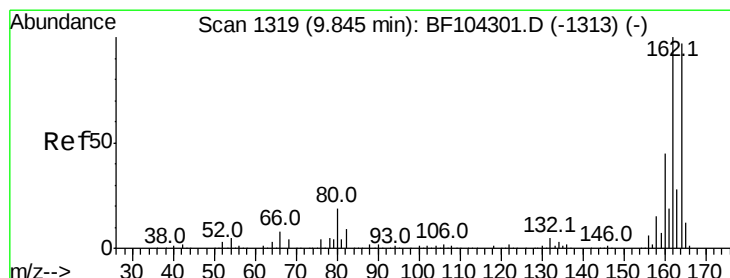
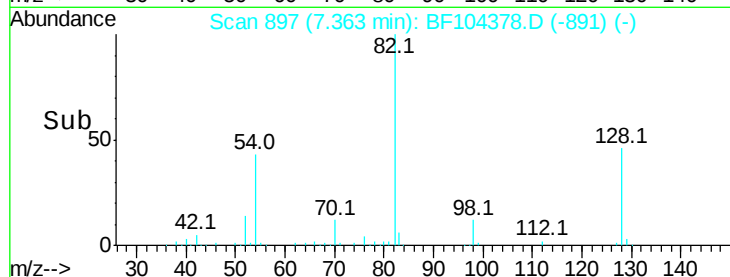
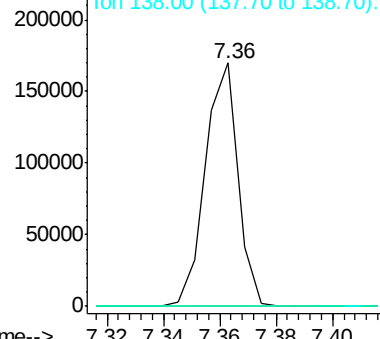
82 100

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: BF104378.D

Acq: 9 Apr 2018 17:56

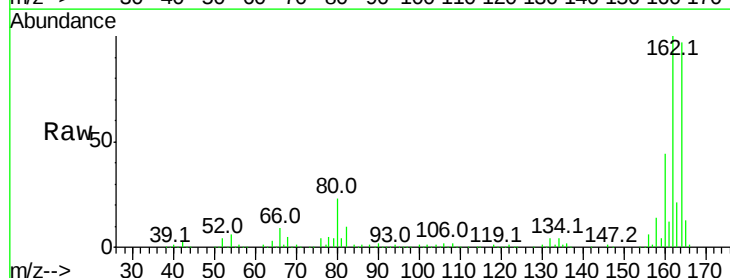
Tgt Ion:164 Resp: 236181

Ion Ratio Lower Upper

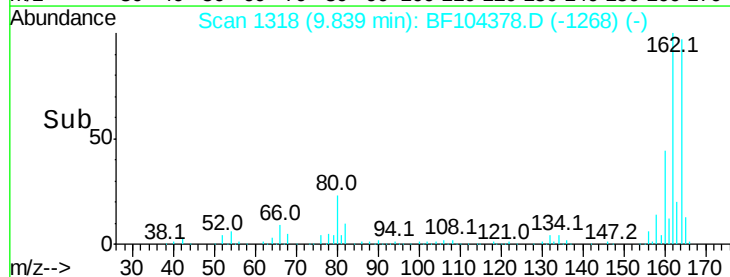
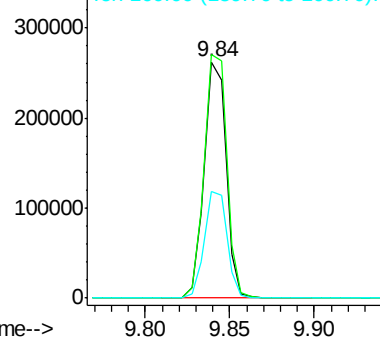
164 100

162 103.0 86.1 129.1

160 45.0 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

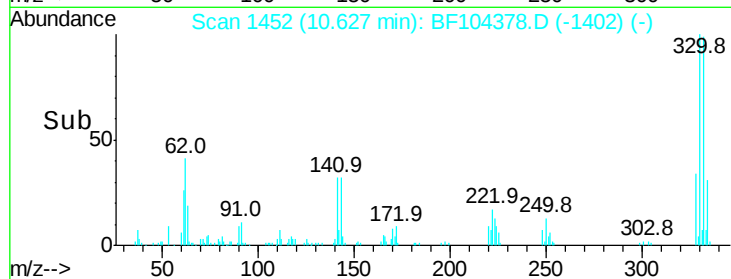
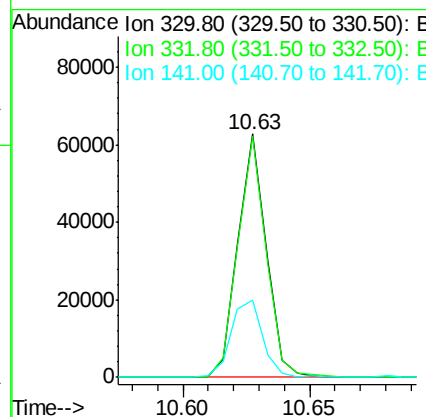
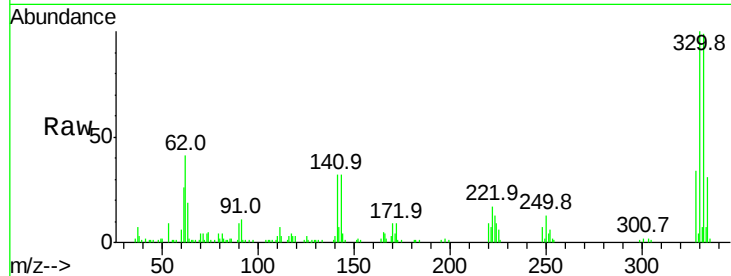




#41
 2,4,6-Tribromophenol
 Concen: 19.816 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104378.D
 Acq: 9 Apr 2018 17:56

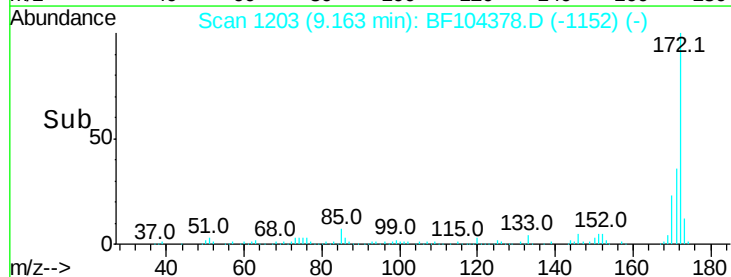
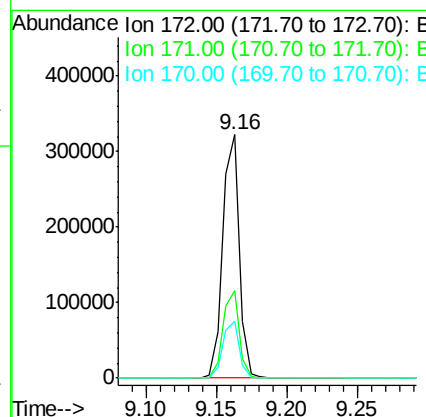
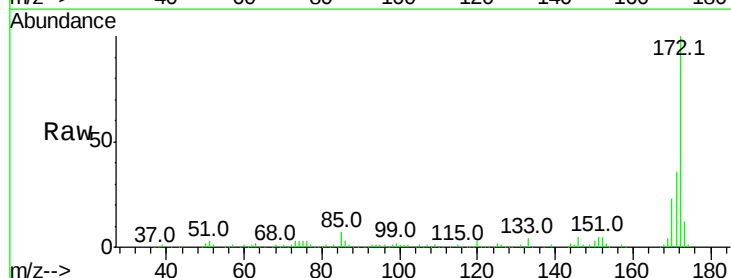
Instrument :
 BNA_F
 ClientSampleId :

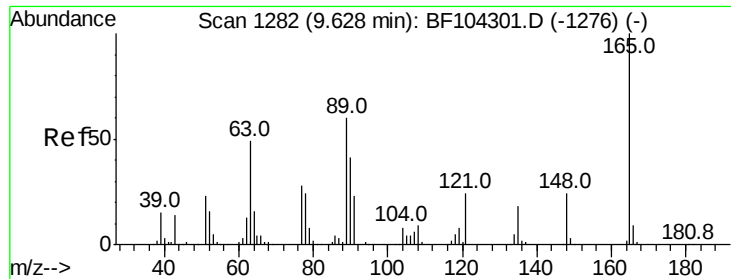
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	35.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 17.620 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104378.D
 Acq: 9 Apr 2018 17:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.3	19.6	29.4

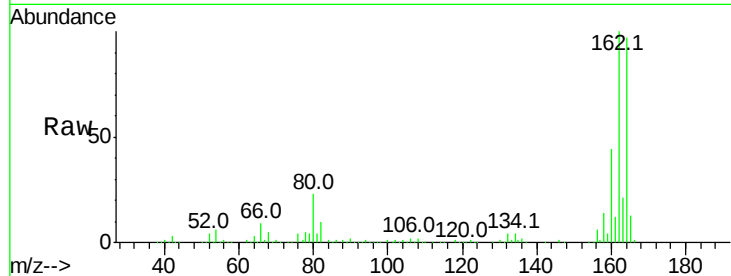




#50
 2,6-Dinitrotoluene
 Concen: 8.971 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104378.D
 Acq: 9 Apr 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :

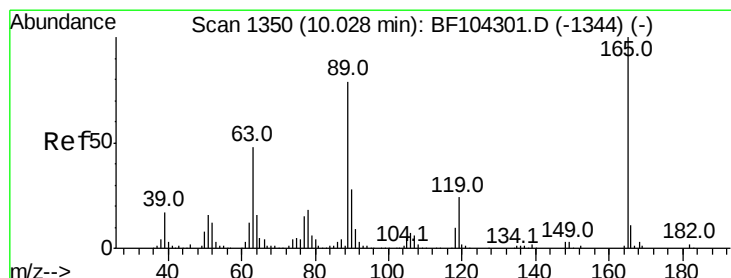
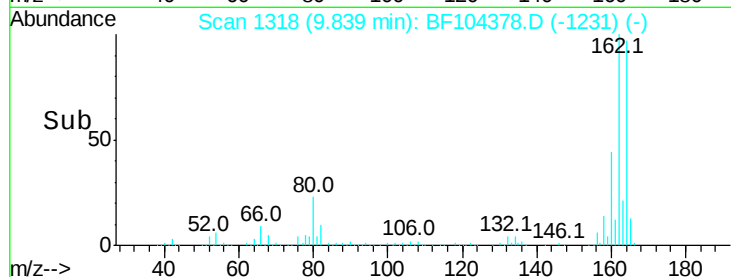
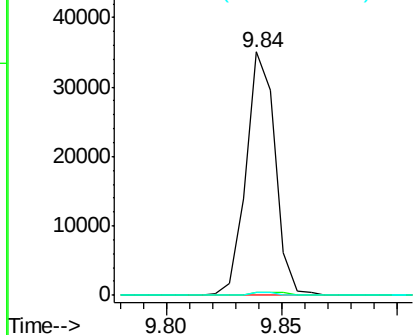
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#



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: 6.839 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104378.D
 Acq: 9 Apr 2018 17:56

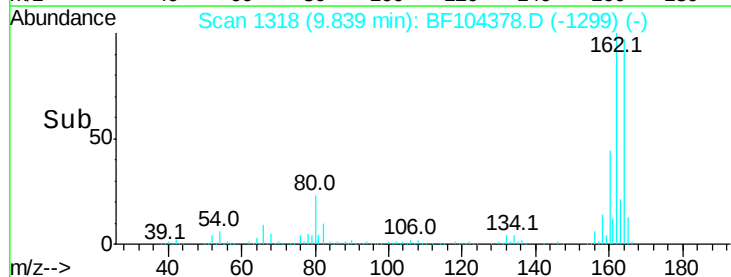
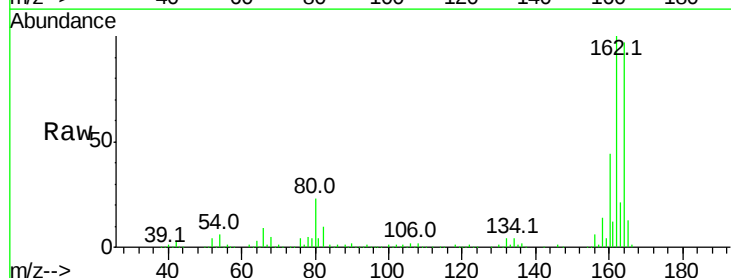
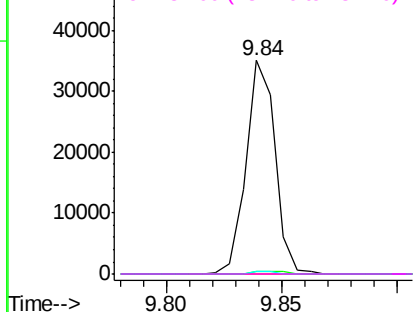
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

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

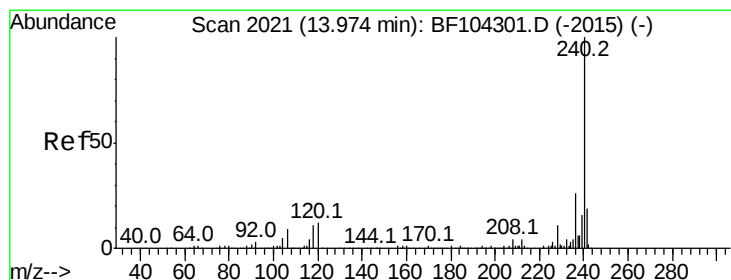
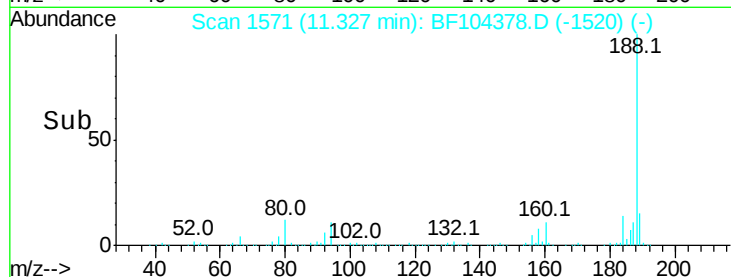
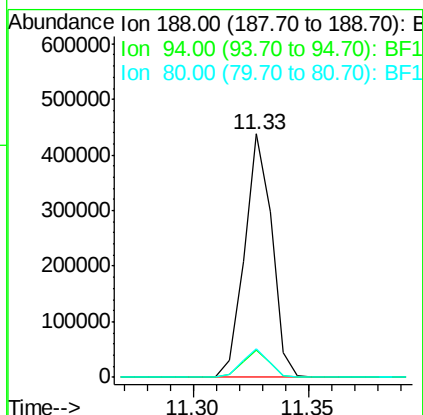
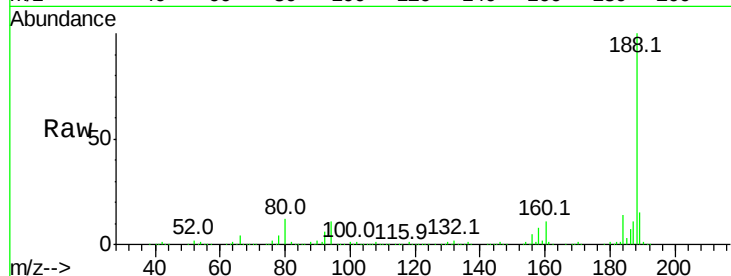




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF104378.D
Acq: 9 Apr 2018 17:56

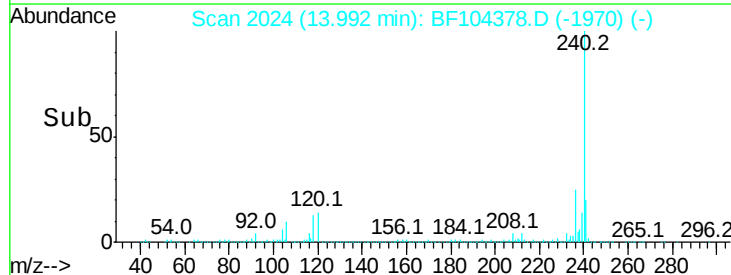
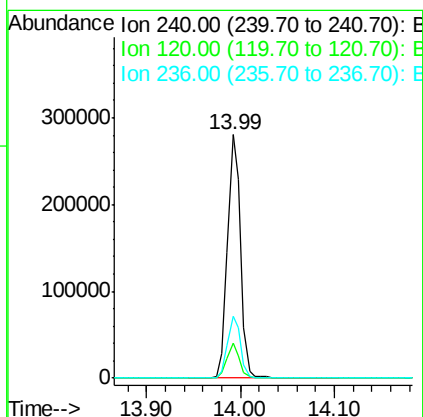
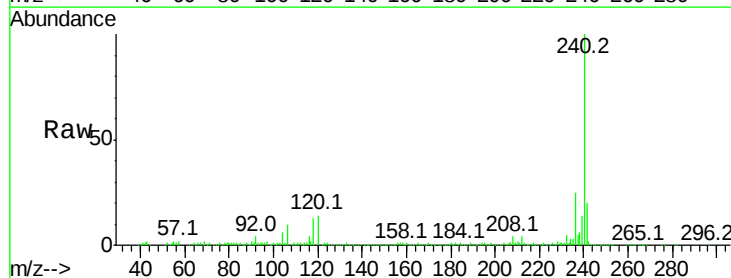
Instrument :
BNA_F
ClientSampled :

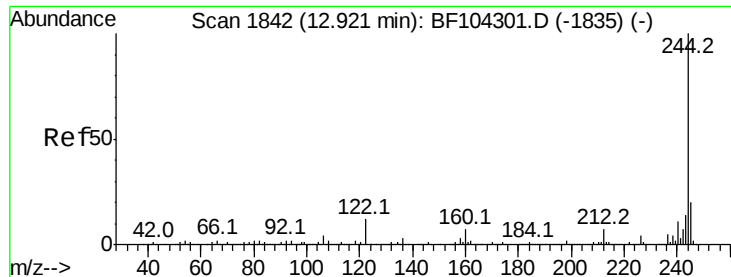
Tot Ion:188 Resp: 361451
Ion Ratio Lower Upper
188 100
94 11.3 8.5 12.7
80 11.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.02 min
Lab File: BF104378.D
Acq: 9 Apr 2018 17:56

Tgt Ion:240 Resp: 269756
Ion Ratio Lower Upper
240 100
120 14.4 9.5 14.3#
236 25.2 20.7 31.1

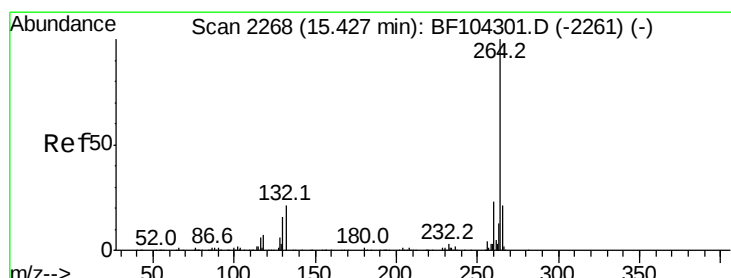
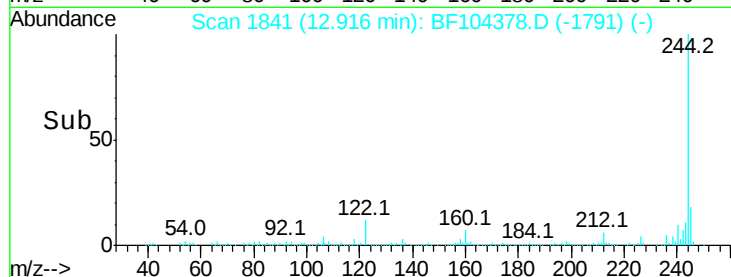
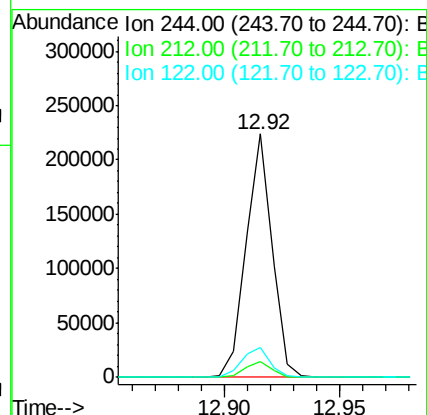
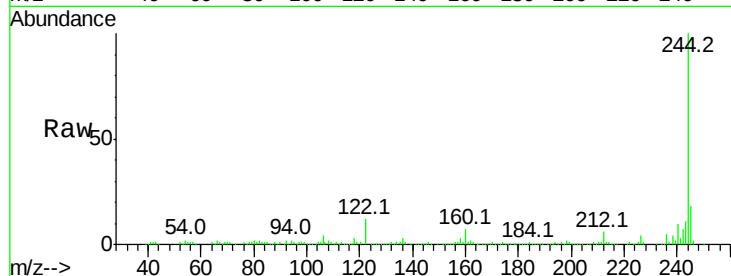




#78
 Terphenyl-d14
 Concen: 14.913 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104378.D
 Acq: 9 Apr 2018 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 176456
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.08 min
 Lab File: BF104378.D
 Acq: 9 Apr 2018 17:56

Tgt Ion:264 Resp: 255650
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 22.7 17.5 26.3

