

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040618\
 Data File : BF104345.D
 Acq On : 7 Apr 2018 8:58
 Operator : JU/SJ
 Sample : J2225-20
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 09 00:48:31 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

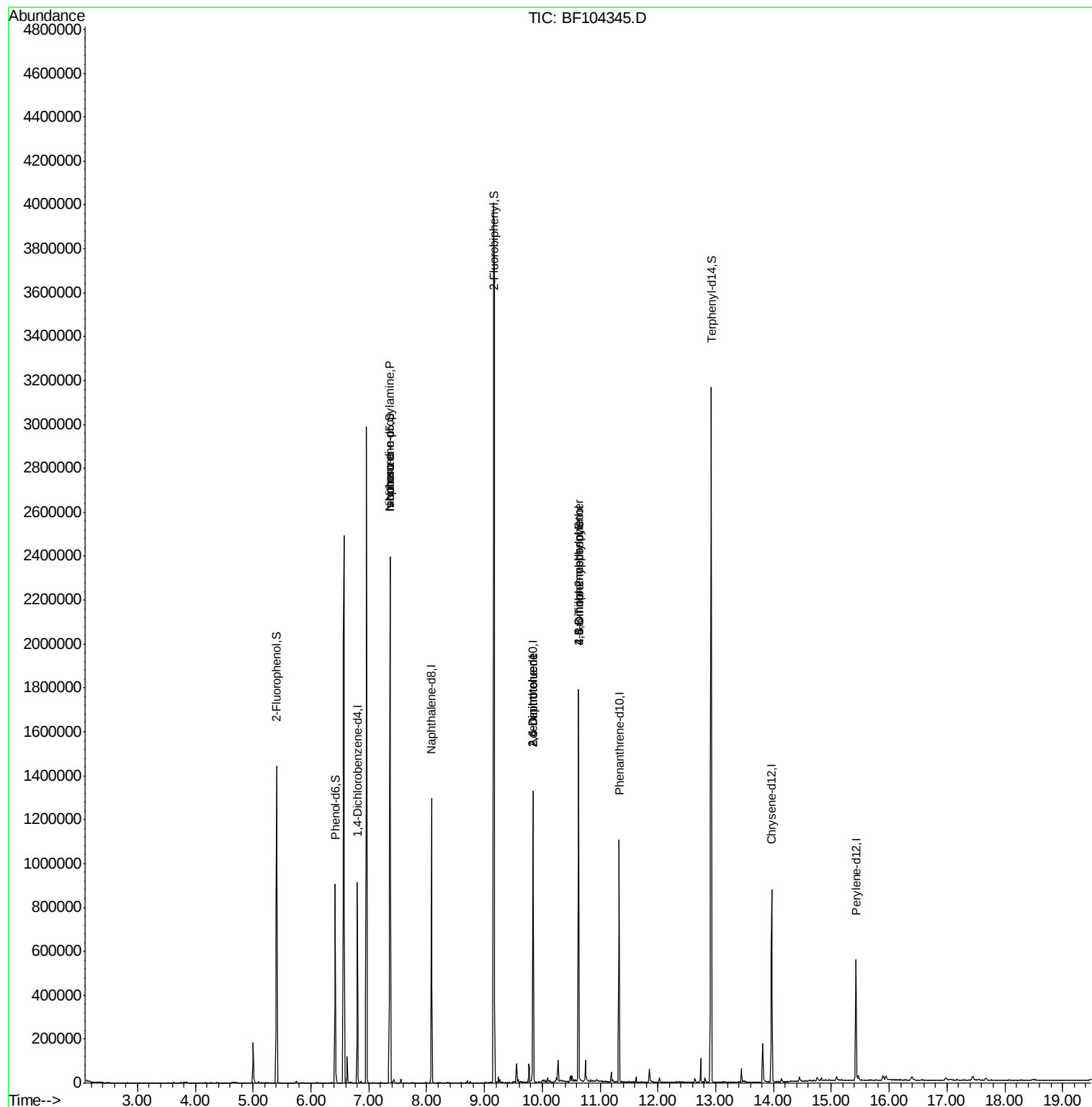
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	133646	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	533834	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	233473	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	345268	20.00	ng	0.00
75) Chrysene-d12	13.97	240	262658	20.00	ng	0.00
86) Perylene-d12	15.43	264	247145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	387370	44.32	ng	0.00
7) Phenol-d6	6.42	99	296531	27.61	ng	-0.01
23) Nitrobenzene-d5	7.37	82	865793	105.90	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	205188	84.72	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1408682	95.32	ng	0.00
78) Terphenyl-d14	12.92	244	1089145	94.54	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	113501	16.174	ng	# 73
25) Isophorone	7.37	82	865327	50.054	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	29728	8.726	ng	# 25
56) 2,4-Dinitrotoluene	9.84	165	29728	6.652	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	299	7.498	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	12417	3.381	ng	# 1
76) Benzidine	12.92	184	14166	Below Cal		98

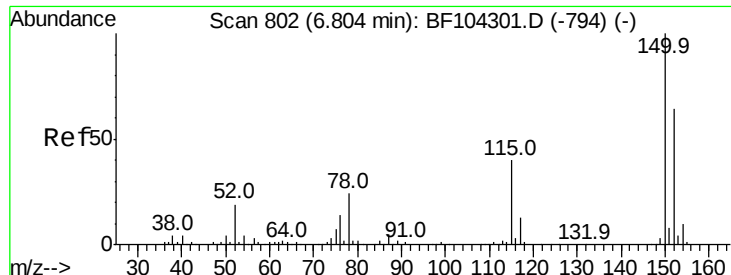
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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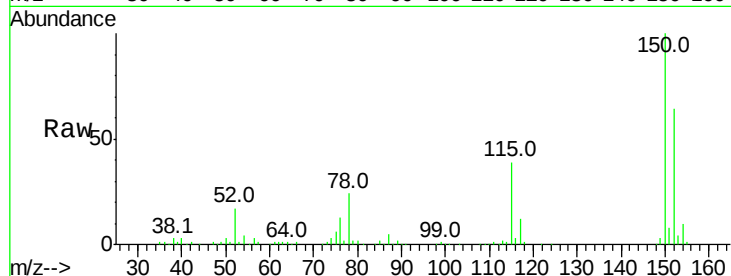


#1

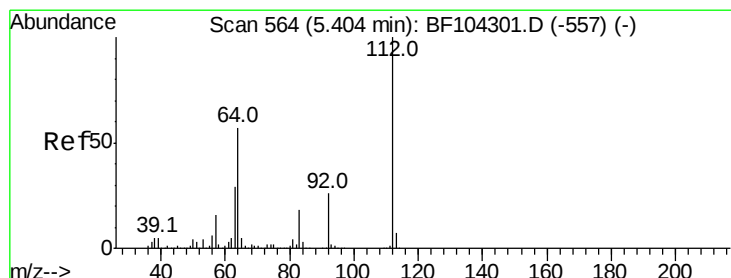
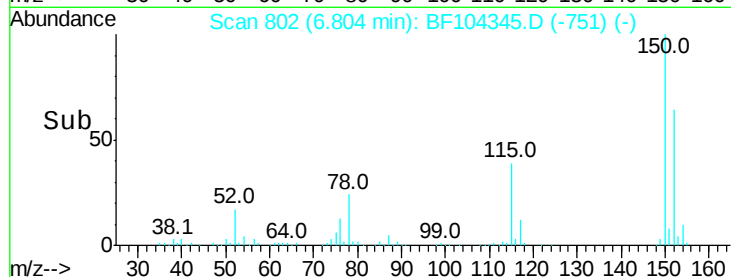
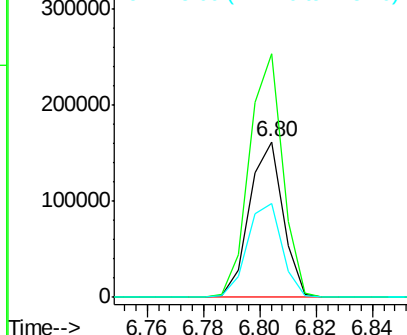
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104345.D
Acq: 7 Apr 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 133646
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 60.6 50.1 75.1



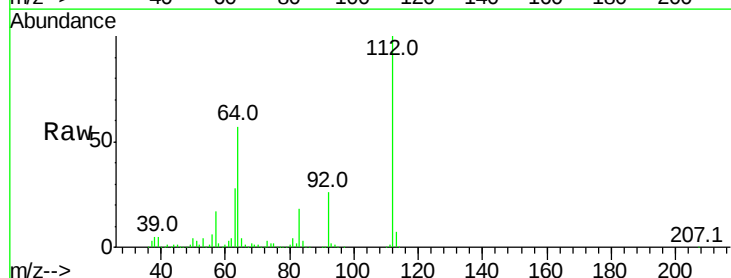
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



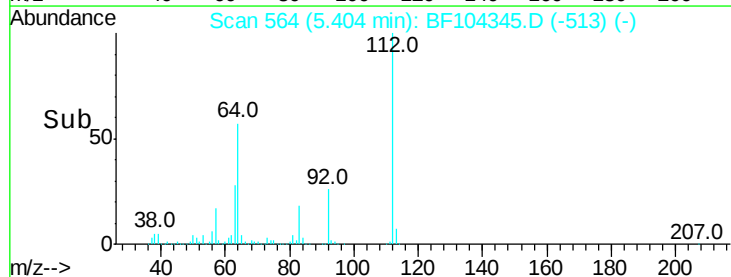
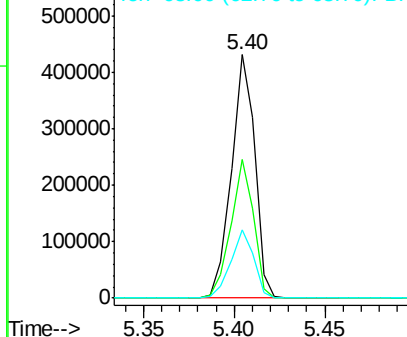
#5

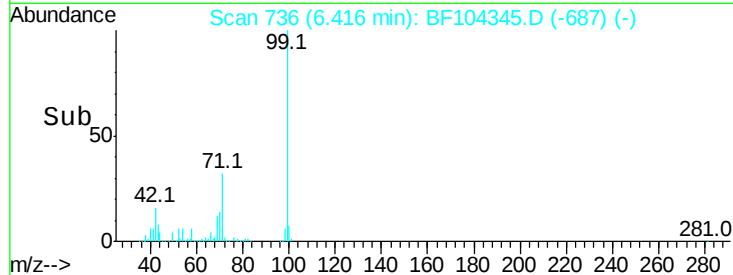
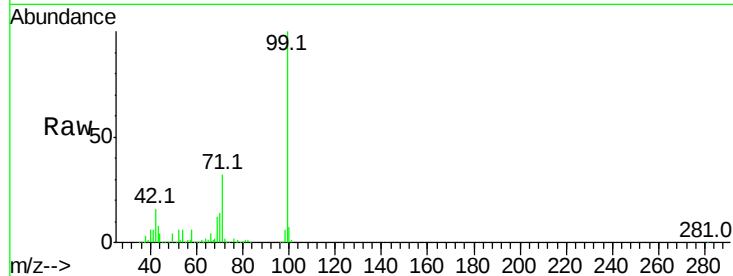
2-Fluorophenol
Concen: 44.319 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF104345.D
Acq: 7 Apr 2018 8:58

Tgt Ion:112 Resp: 387370
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 28.0 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: 27.612 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF104345.D

Acq: 7 Apr 2018 8:58

Instrument :

BNA_F

ClientSampleId :

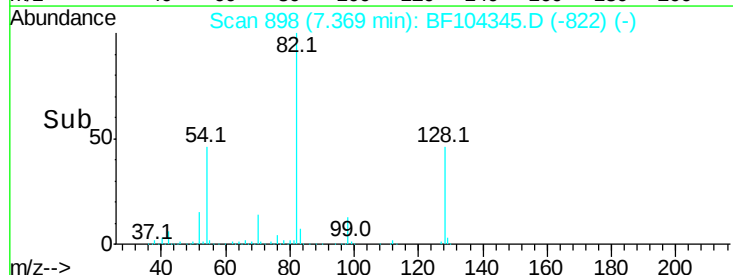
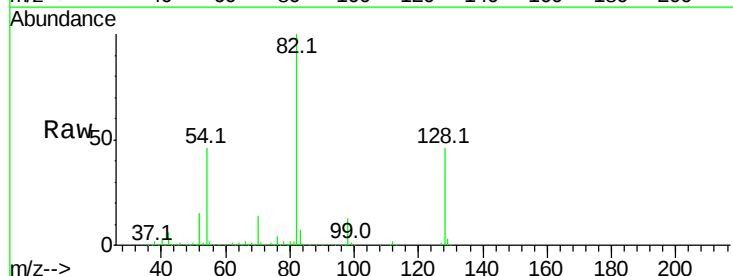
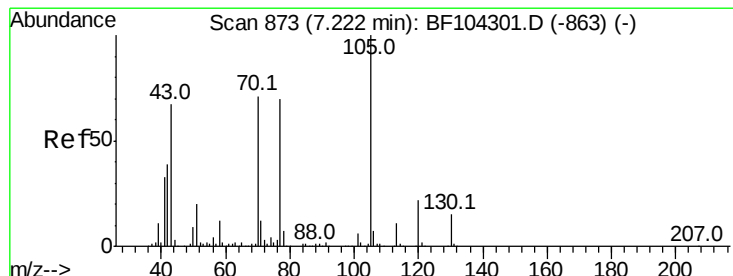
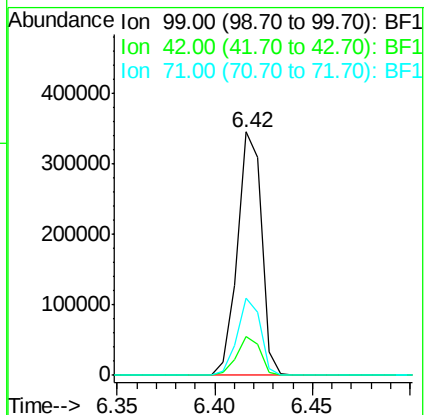
Tot Ion: 99 Resp: 296531

Ion Ratio Lower Upper

99 100

42 16.0 14.5 21.7

71 32.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.174 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104345.D

Acq: 7 Apr 2018 8:58

Tgt Ion: 70 Resp: 113501

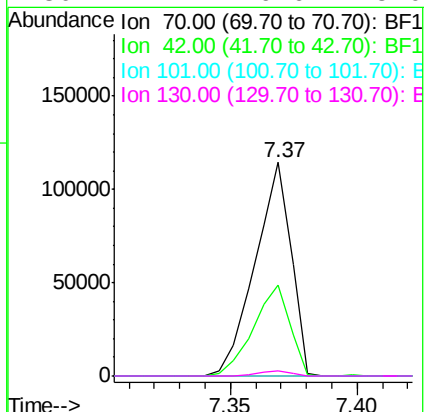
Ion Ratio Lower Upper

70 100

42 42.7 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

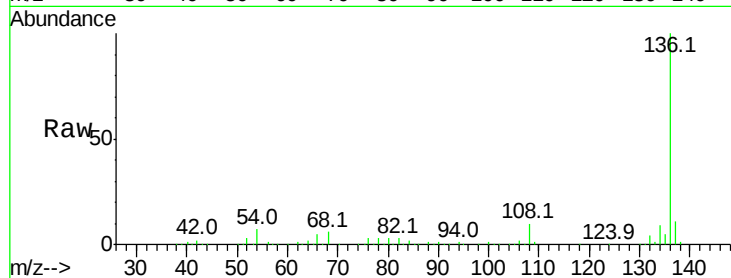




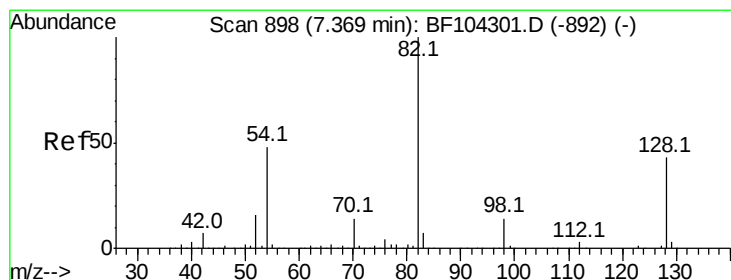
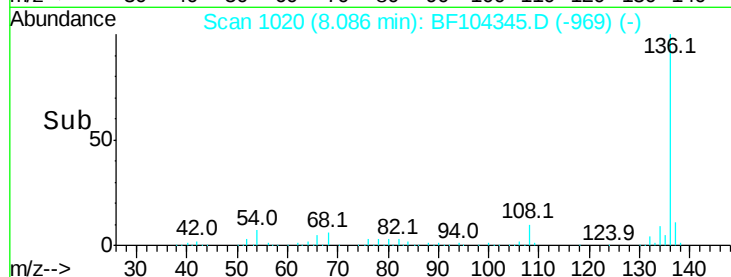
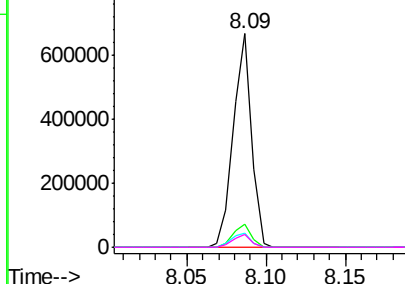
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104345.D
Acq: 7 Apr 2018 8:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	533834
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

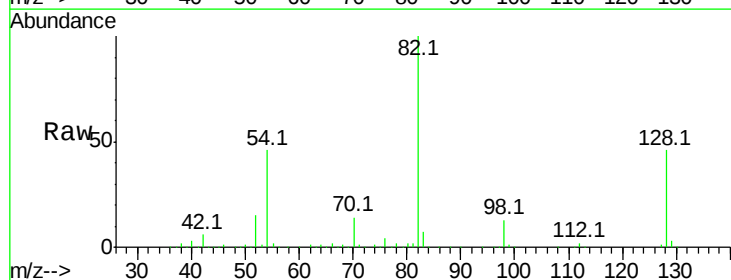


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

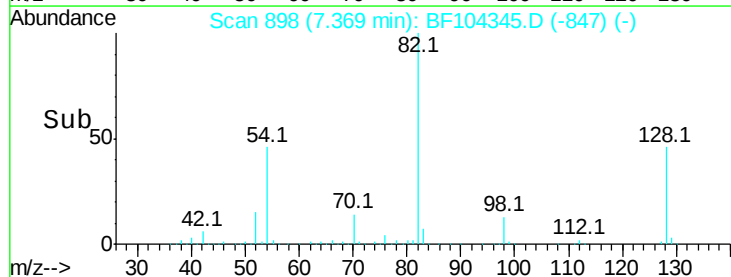
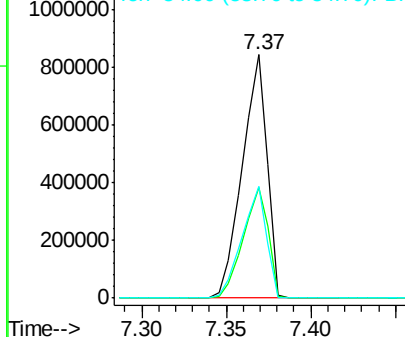


#23
Nitrobenzene-d5
Concen: 105.903 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF104345.D
Acq: 7 Apr 2018 8:58

Tgt Ion:	82	Resp:	865793
Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.1	54.1
54	46.1	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: 50.054 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104345.D

Acq: 7 Apr 2018 8:58

Instrument :

BNA_F

ClientSampleId :

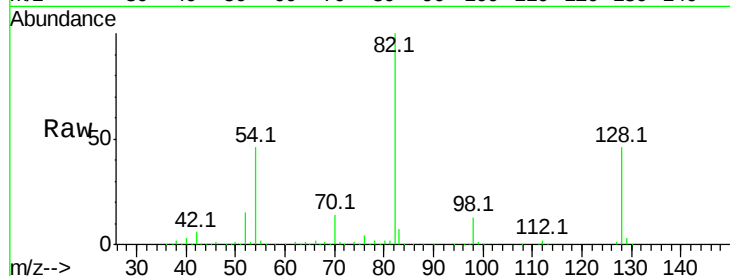
Tot Ion: 82 Resp: 865327

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

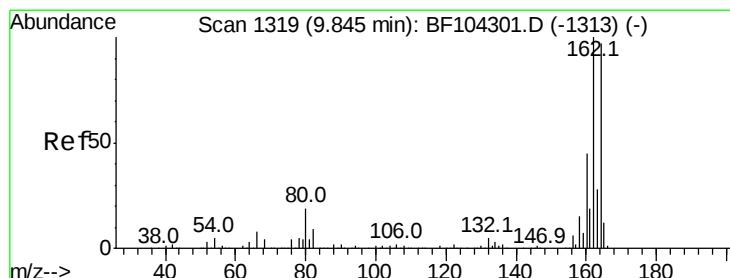
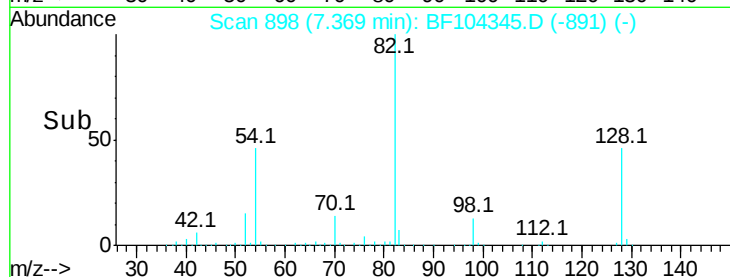
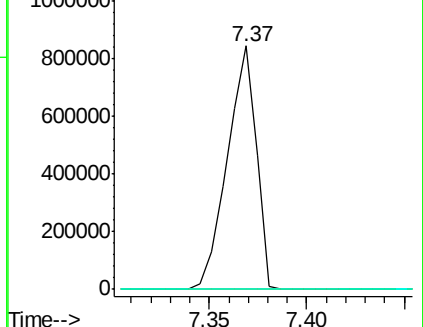
138 0.0 14.9 22.3#



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: BF104345.D

Acq: 7 Apr 2018 8:58

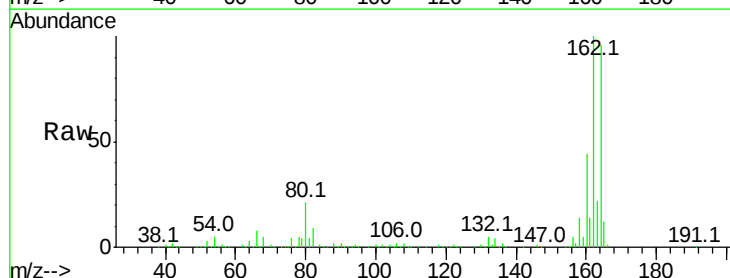
Tgt Ion:164 Resp: 233473

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

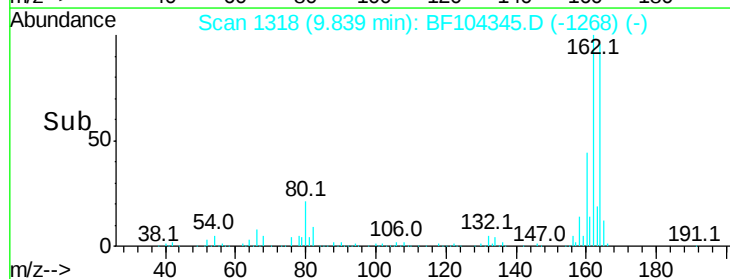
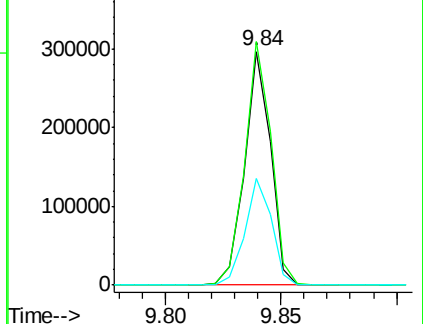
160 45.7 38.3 57.5



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

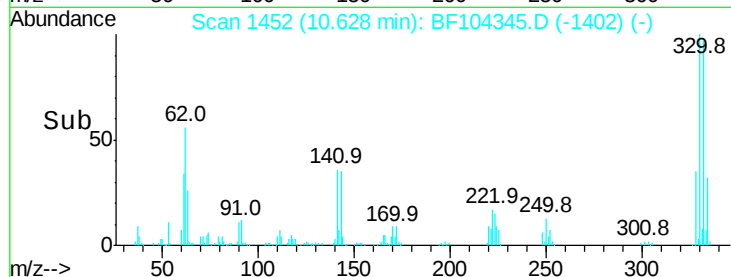
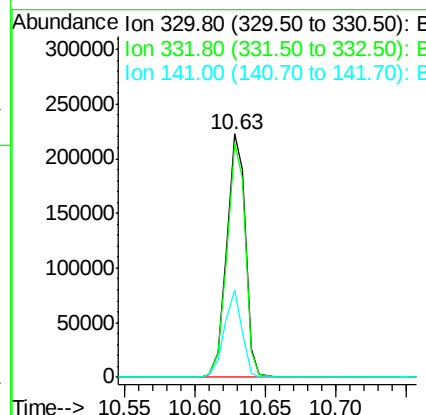
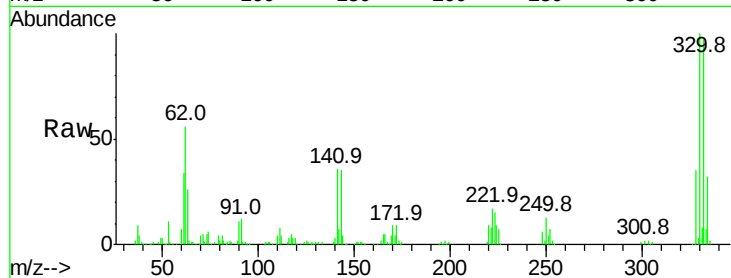




#41
 2,4,6-Tribromophenol
 Concen: 84.723 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF104345.D
 Acq: 7 Apr 2018 8:58

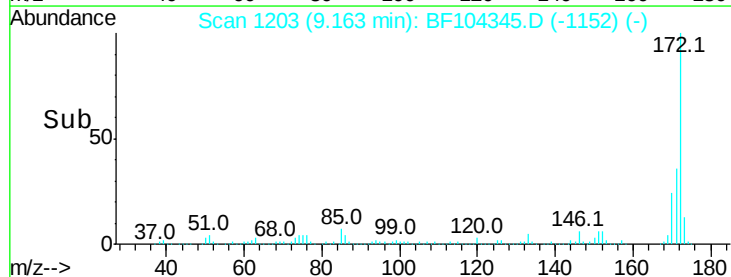
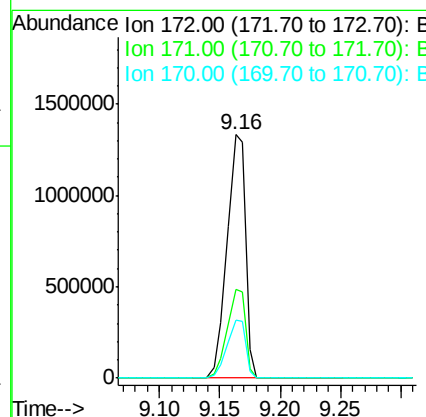
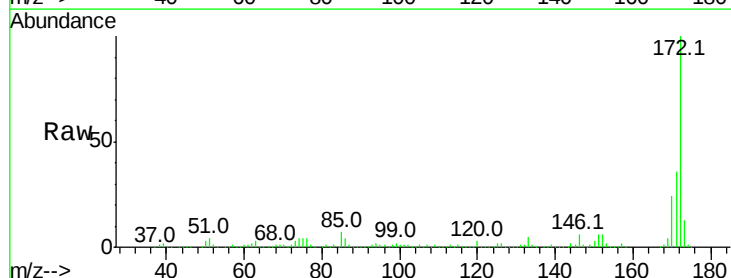
Instrument :
 BNA_F
 ClientSampleId :

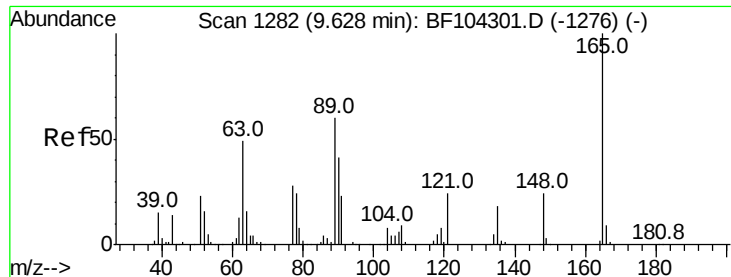
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	33.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 95.316 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104345.D
 Acq: 7 Apr 2018 8:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	19.6	29.4

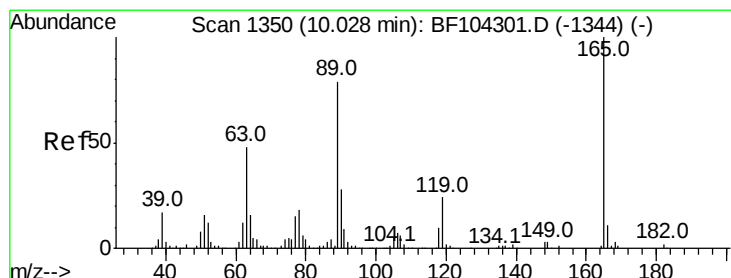
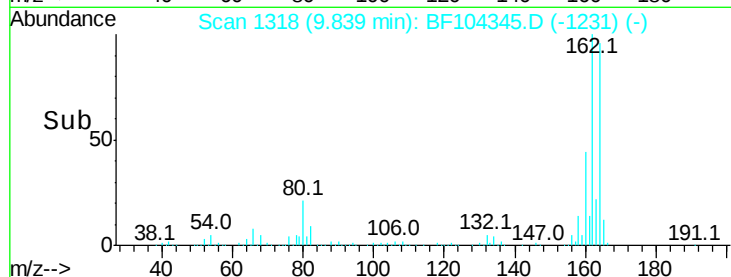
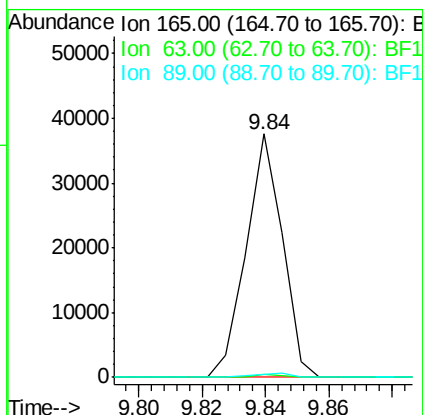
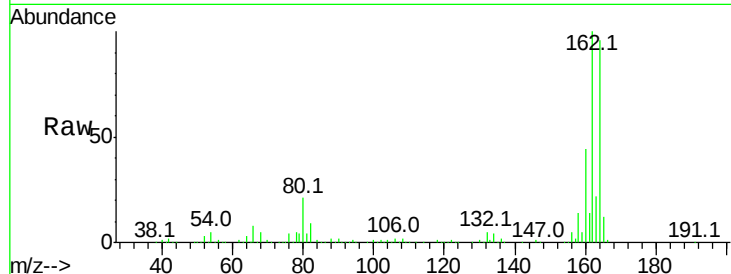




#50
 2,6-Dinitrotoluene
 Concen: 8.726 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104345.D
 Acq: 7 Apr 2018 8:58

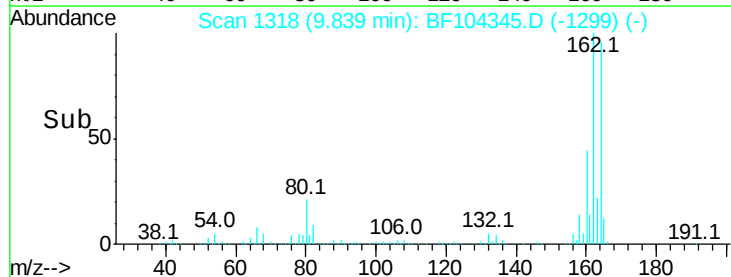
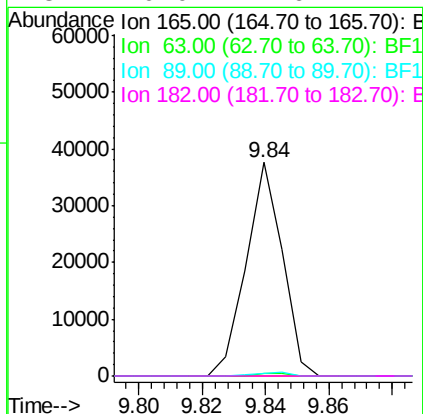
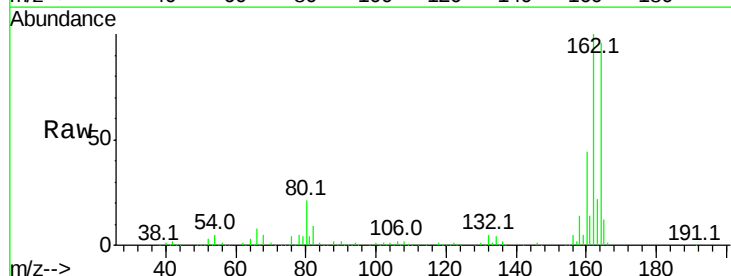
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.1	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.652 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.19 min
 Lab File: BF104345.D
 Acq: 7 Apr 2018 8:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

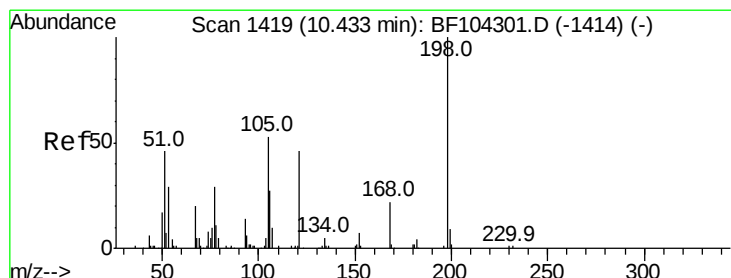
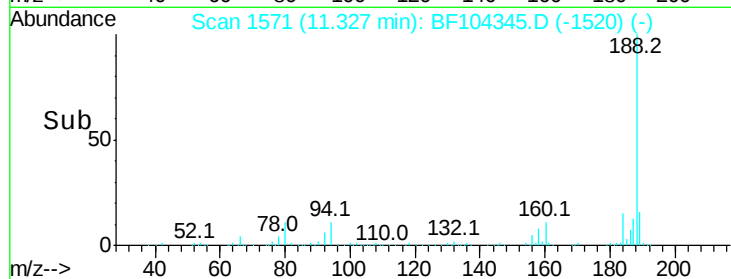
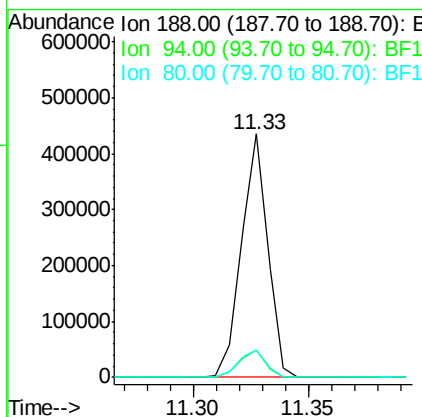
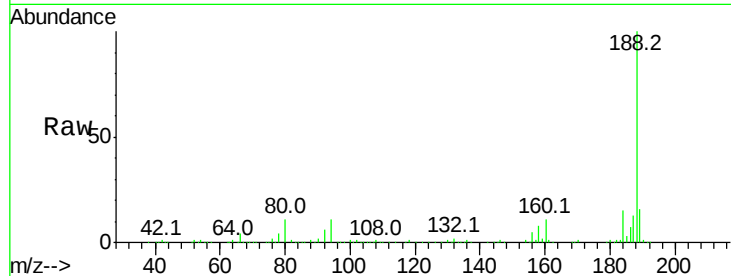




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF104345.D
Acq: 7 Apr 2018 8:58

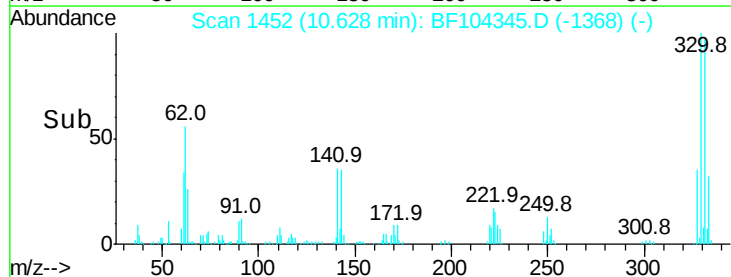
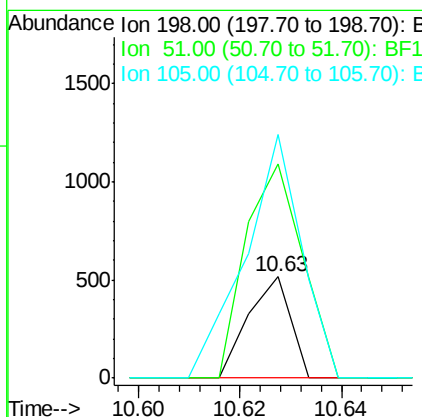
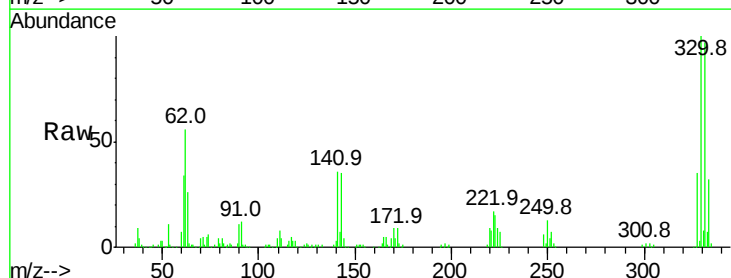
Instrument :
BNA_F
ClientSampleId :

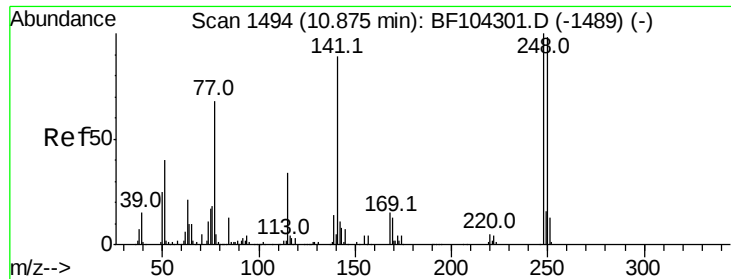
Tot Ion:188 Resp: 345268
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.498 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.19 min
Lab File: BF104345.D
Acq: 7 Apr 2018 8:58

Tgt Ion:198 Resp: 299
Ion Ratio Lower Upper
198 100
51 210.6 37.7 77.7#
105 239.8 36.3 76.3#

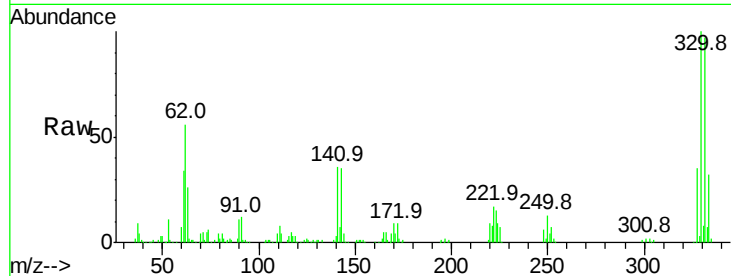




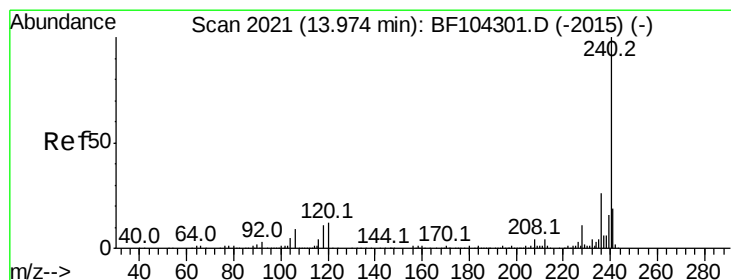
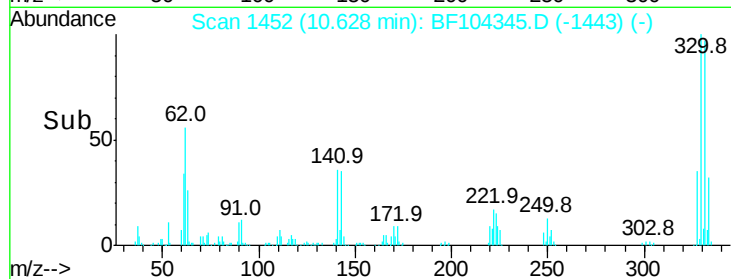
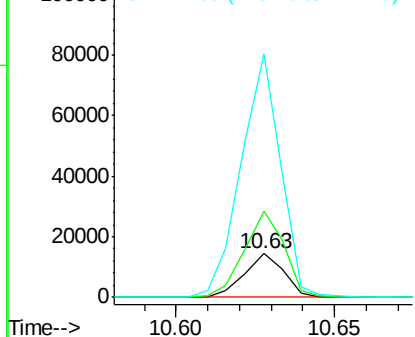
#66
 4-Bromophenyl-phenylether
 Concen: 3.381 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF104345.D
 Acq: 7 Apr 2018 8:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 12417
 Ion Ratio Lower Upper
 248 100
 250 196.8 76.9 115.3#
 141 558.5 74.4 111.6#

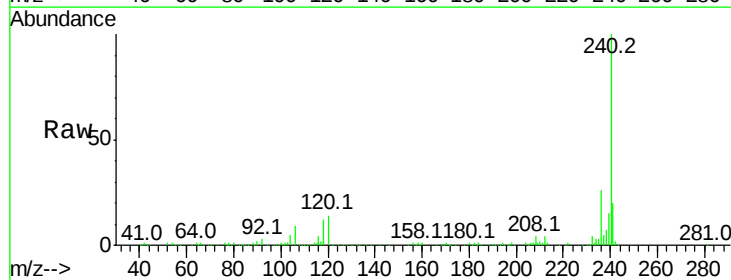


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

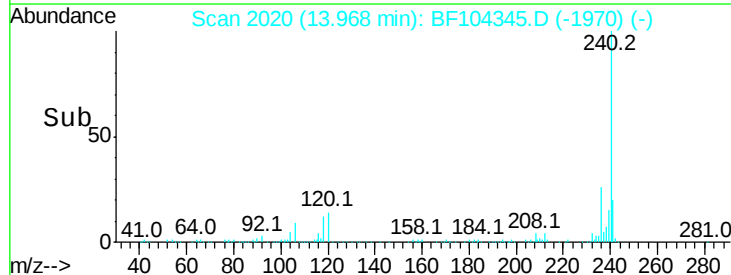
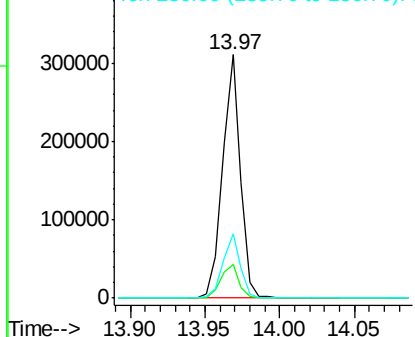


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF104345.D
 Acq: 7 Apr 2018 8:58

Tgt Ion:240 Resp: 262658
 Ion Ratio Lower Upper
 240 100
 120 13.7 9.5 14.3
 236 26.4 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: 94.536 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF104345.D

Acq: 7 Apr 2018 8:58

Instrument :

BNA_F

ClientSampleId :

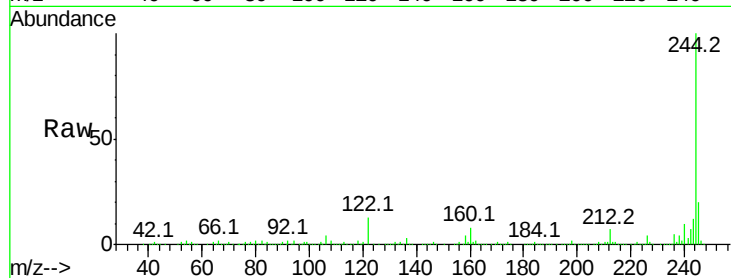
Tot Ion:244 Resp: 1089145

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

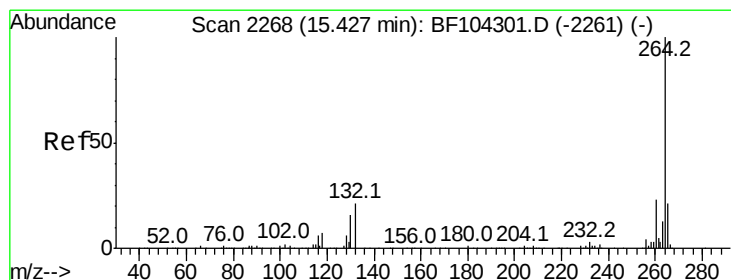
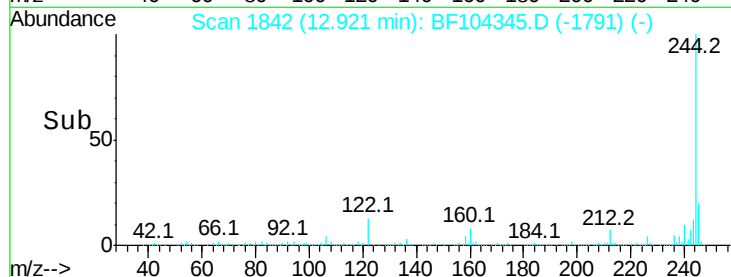
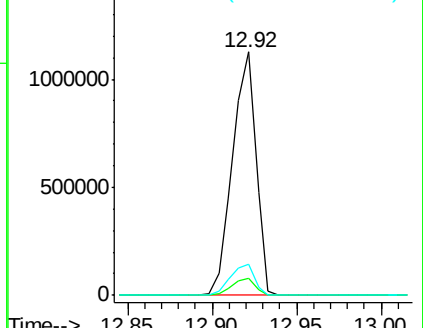
122 12.5 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF104345.D

Acq: 7 Apr 2018 8:58

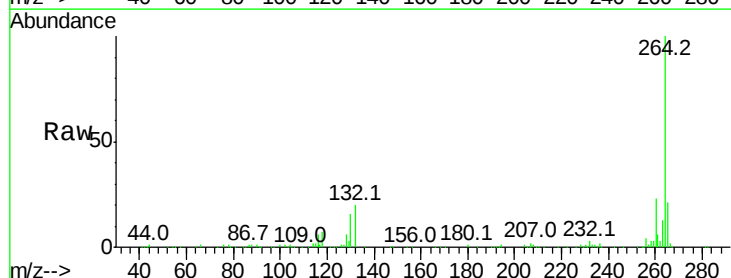
Tgt Ion:264 Resp: 247145

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.4 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

