

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042518\
 Data File : BF104806.D
 Acq On : 25 Apr 2018 23:02
 Operator : JU/SJ
 Sample : PB108548BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 26 08:20:01 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 25 14:01:50 2018
 Response via : Initial Calibration

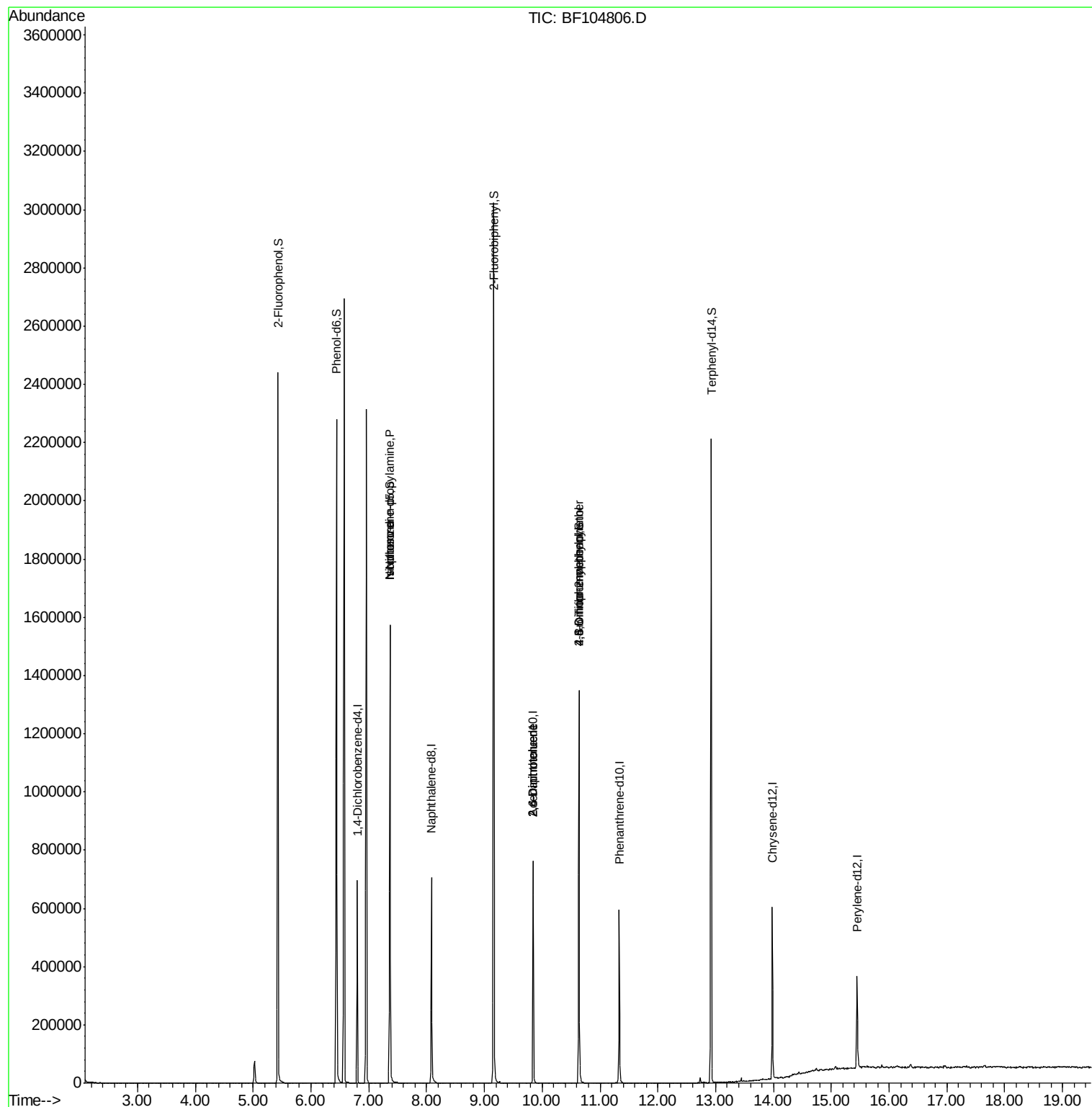
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	95402	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	385212	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	160940	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	238842	20.00	ng	0.00
75) Chrysene-d12	13.98	240	195337	20.00	ng	0.00
86) Perylene-d12	15.44	264	147852	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	735081	117.82	ng	0.01
7) Phenol-d6	6.45	99	877347	114.45	ng	0.00
23) Nitrobenzene-d5	7.37	82	545703	92.50	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	173673	104.03	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	982201	96.41	ng	0.00
78) Terphenyl-d14	12.92	244	720235	84.06	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	71687	14.310	ng	# 72
25) Isophorone	7.37	82	537564	43.092	ng	# 64
50) 2,6-Dinitrotoluene	9.84	165	20449	8.708	ng	# 24
56) 2,4-Dinitrotoluene	9.84	165	20449	6.638	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.63	198	247	7.527	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	10406	4.096	ng	# 1
76) Benzidine	12.92	184	9391	Below Cal		# 97

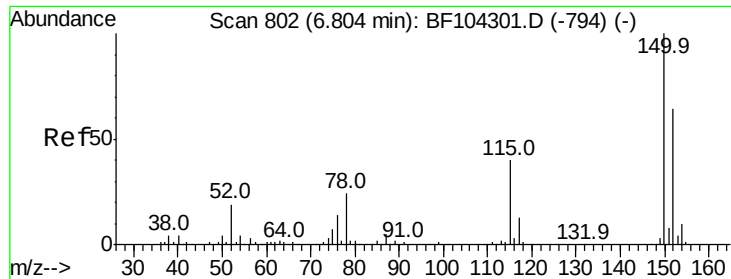
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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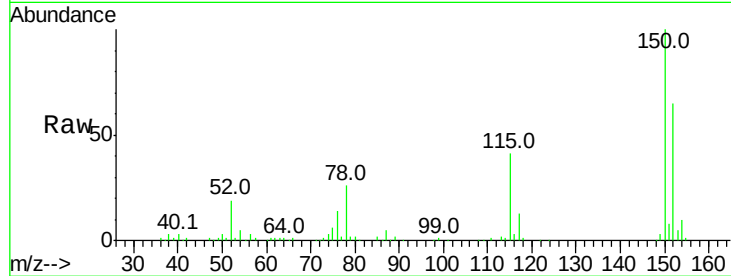


#1

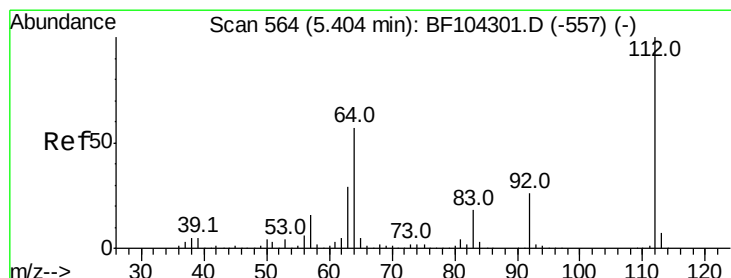
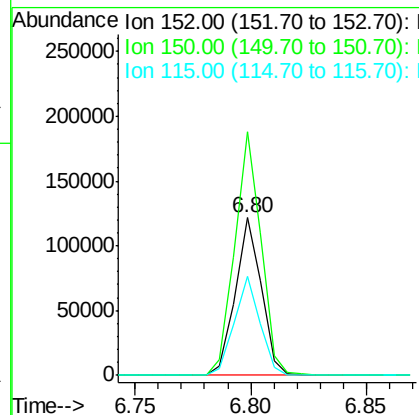
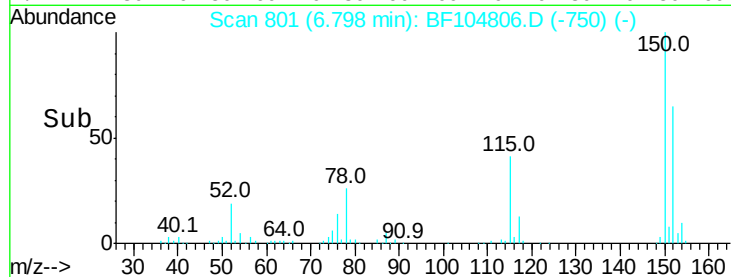
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF104806.D
Acq: 25 Apr 2018 23:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95402
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 62.8 50.1 75.1



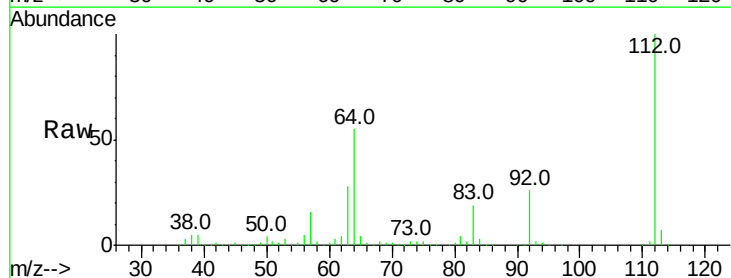
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



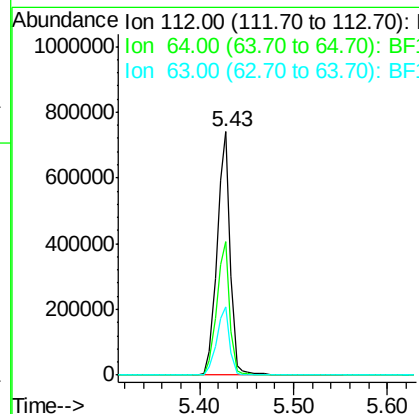
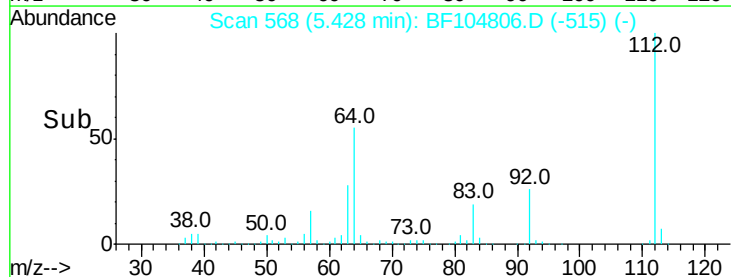
#5

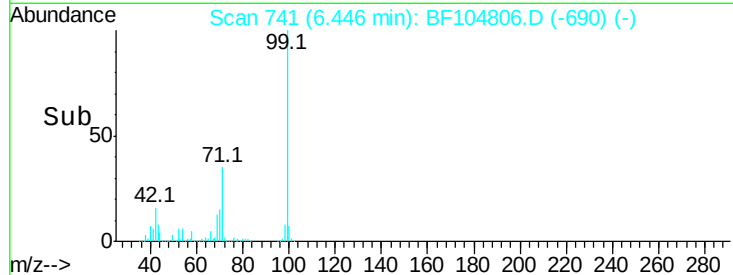
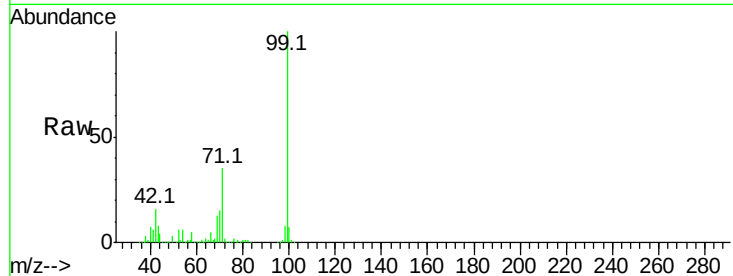
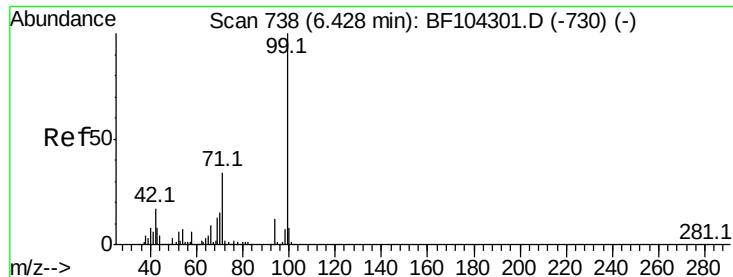
2-Fluorophenol
Concen: 117.815 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF104806.D
Acq: 25 Apr 2018 23:02

Tgt Ion:112 Resp: 735081
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 28.1 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: 114.446 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104806.D

Acq: 25 Apr 2018 23:02

Instrument :

BNA_F

ClientSampleId :

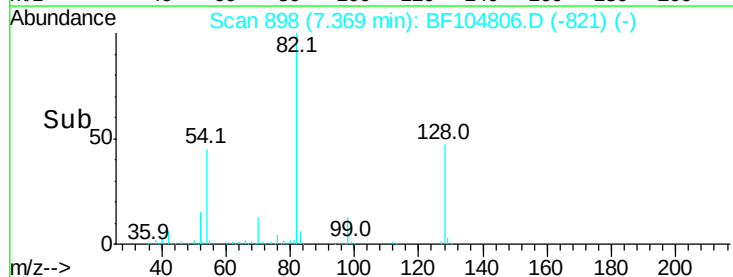
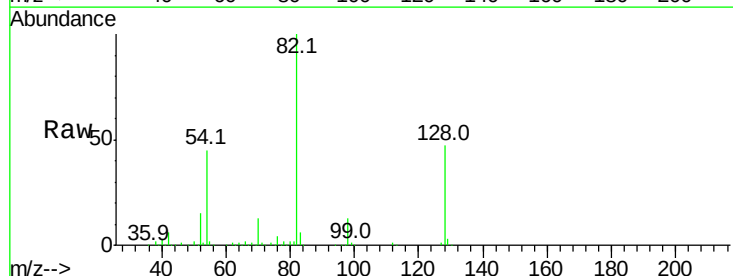
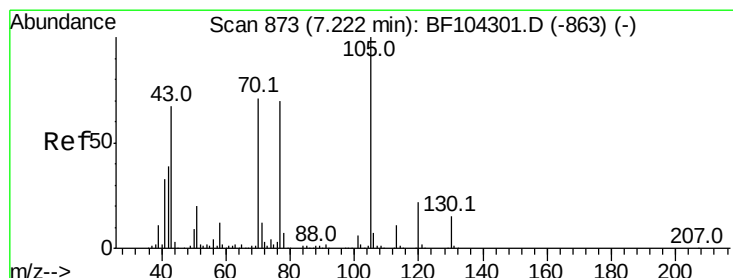
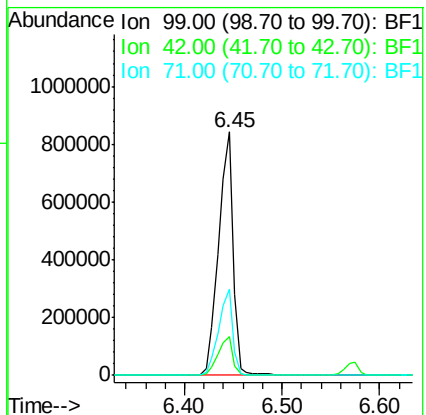
Tot Ion: 99 Resp: 877347

Ion Ratio Lower Upper

99 100

42 16.1 14.5 21.7

71 35.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.310 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104806.D

Acq: 25 Apr 2018 23:02

Tgt Ion: 70 Resp: 71687

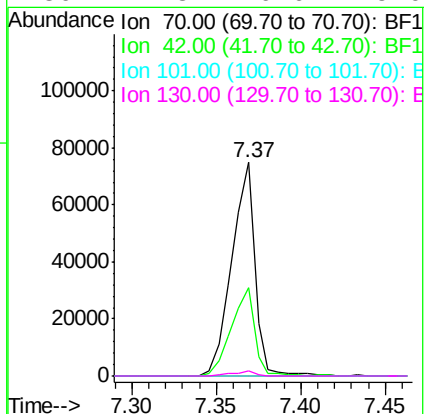
Ion Ratio Lower Upper

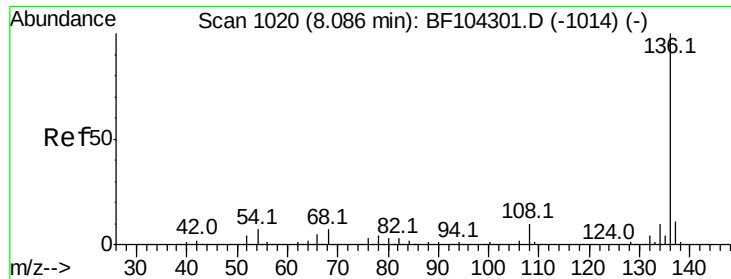
70 100

42 41.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

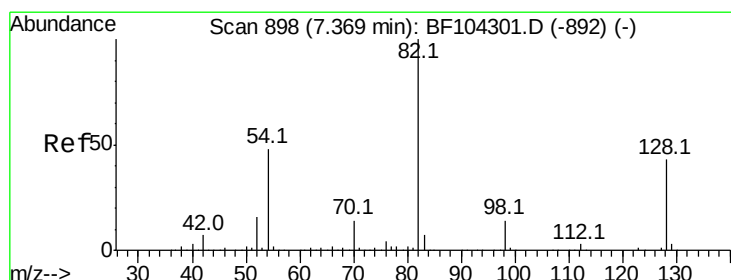
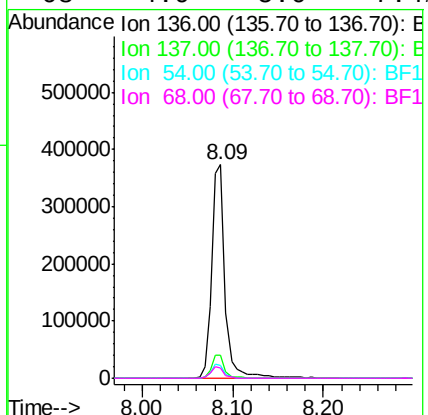
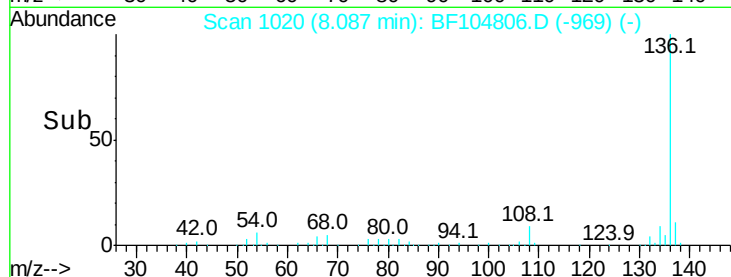
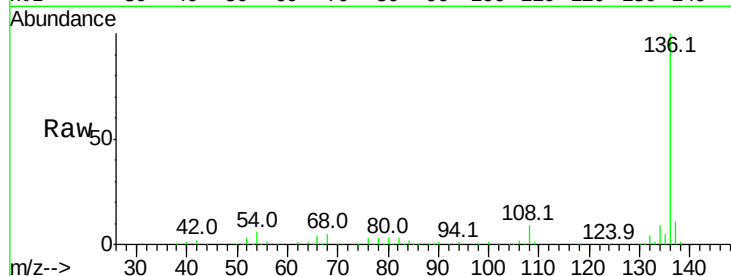




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104806.D
Acq: 25 Apr 2018 23:02

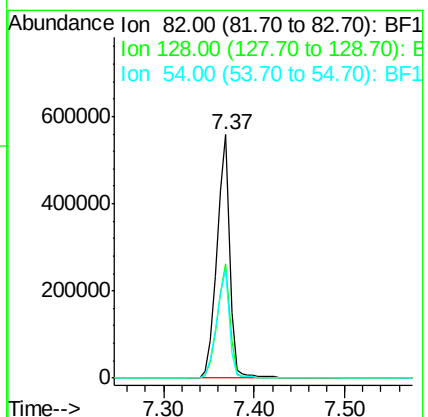
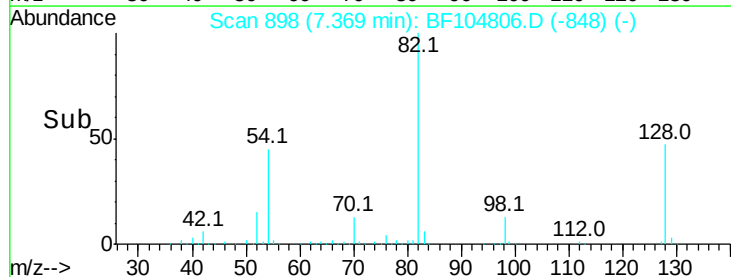
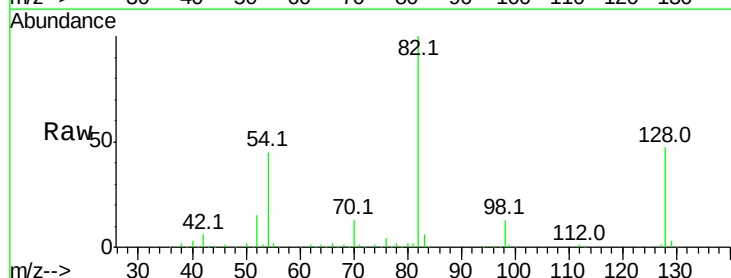
Instrument :
BNA_F
ClientSampleId :

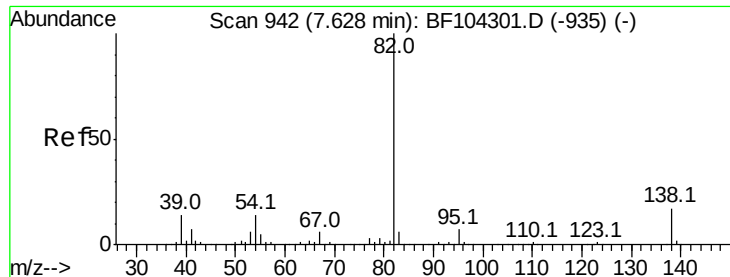
Tot Ion:	136	Resp:	385212
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.9	6.6	9.8#
68	4.9	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 92.503 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF104806.D
Acq: 25 Apr 2018 23:02

Tgt Ion:	82	Resp:	545703
Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	44.8	41.4	62.2





#25

Isophorone

Concen: 43.092 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.26 min

Lab File: BF104806.D

Acq: 25 Apr 2018 23:02

Instrument :

BNA_F

ClientSampleId :

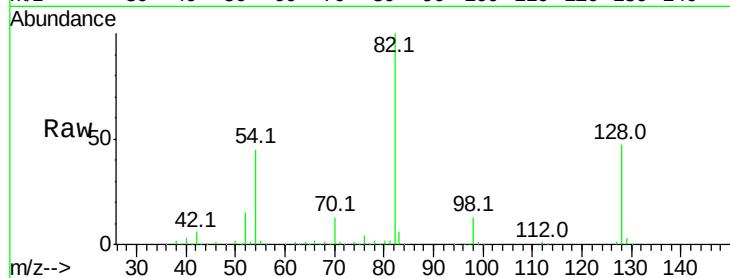
Tot Ion: 82 Resp: 537564

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

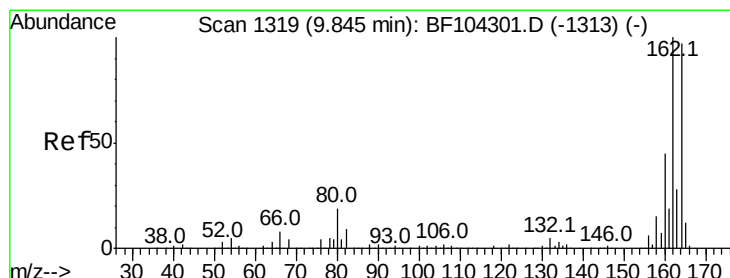
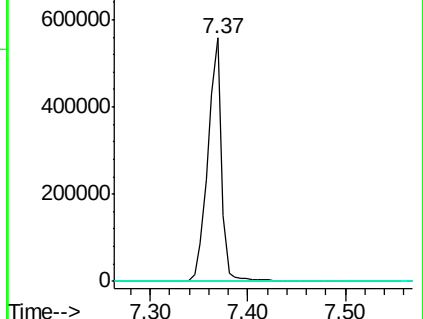
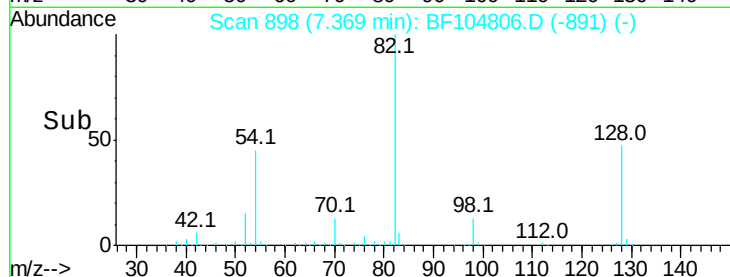
138 0.0 14.9 22.3#



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: BF104806.D

Acq: 25 Apr 2018 23:02

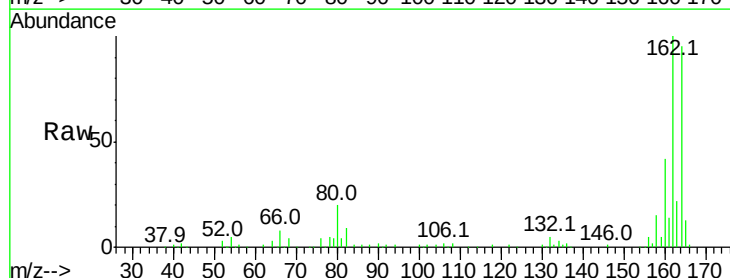
Tgt Ion:164 Resp: 160940

Ion Ratio Lower Upper

164 100

162 105.8 86.1 129.1

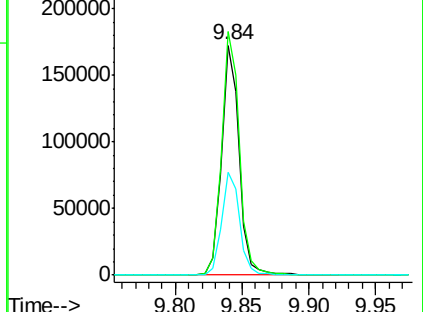
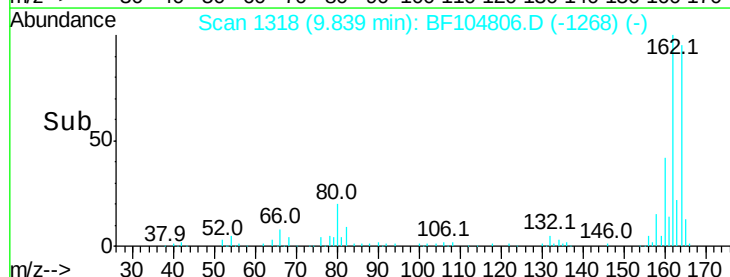
160 44.5 38.3 57.5

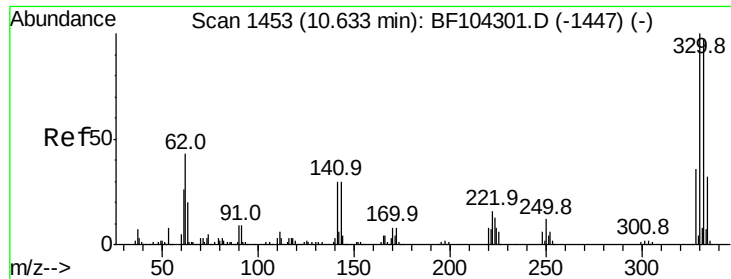


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

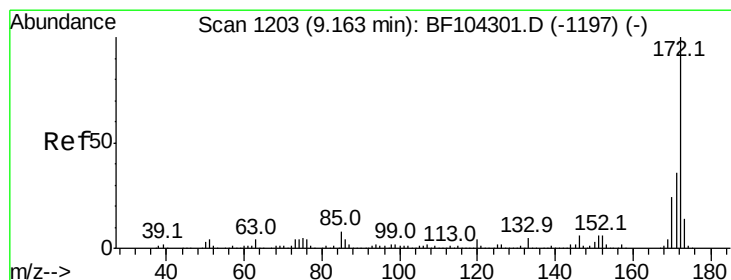
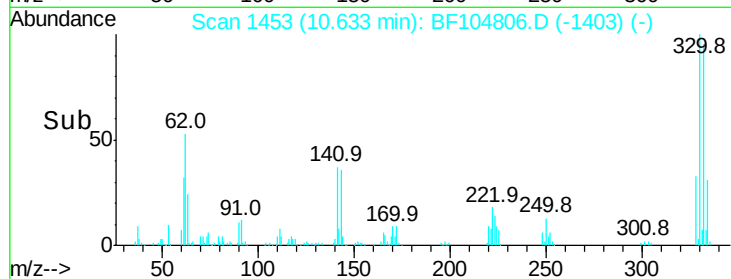
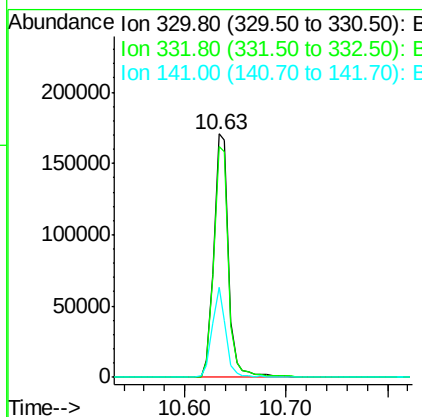
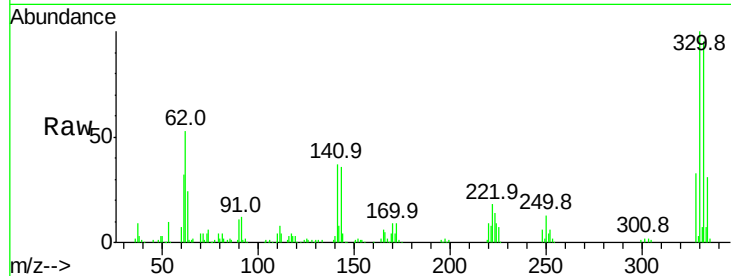




#41
 2,4,6-Tribromophenol
 Concen: 104.029 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104806.D
 Acq: 25 Apr 2018 23:02

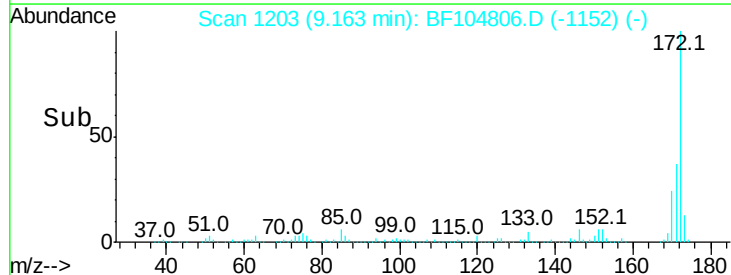
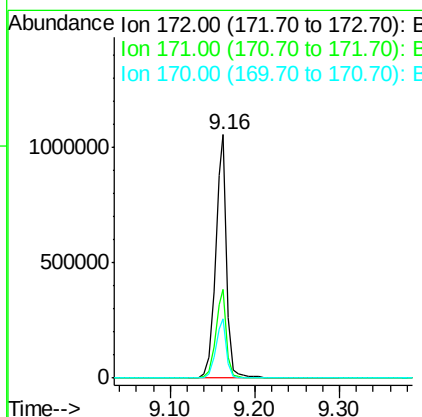
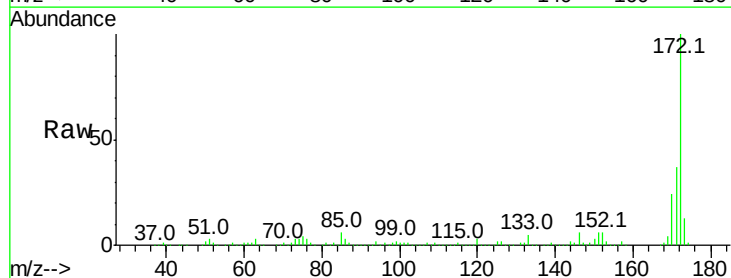
Instrument :
 BNA_F
 ClientSampleId :

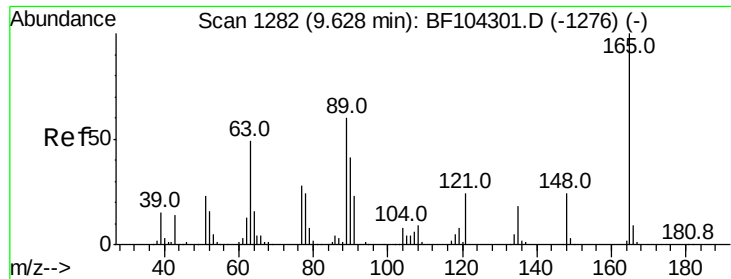
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	33.7	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 96.411 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104806.D
 Acq: 25 Apr 2018 23:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	24.4	19.6	29.4

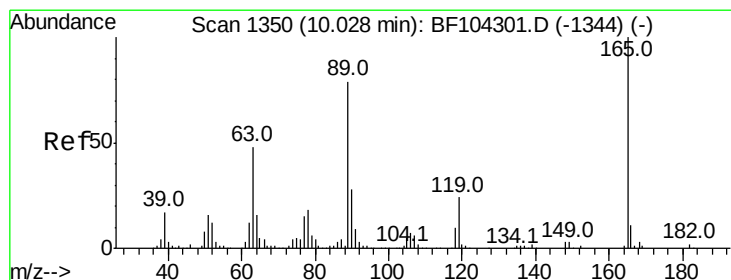
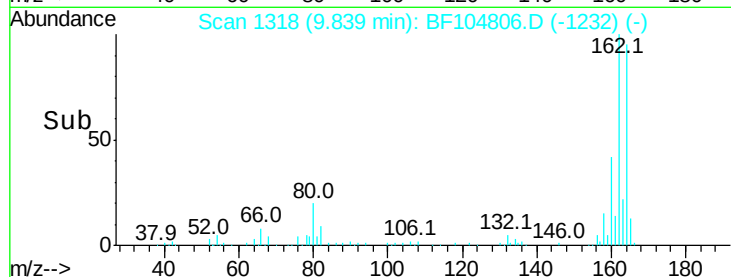
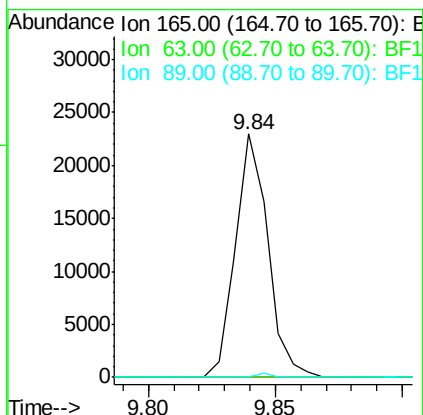
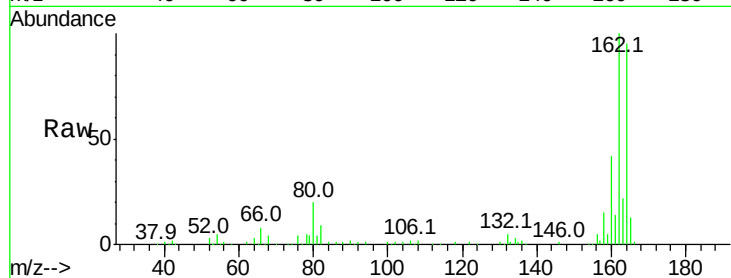




#50
 2,6-Dinitrotoluene
 Concen: 8.708 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.21 min
 Lab File: BF104806.D
 Acq: 25 Apr 2018 23:02

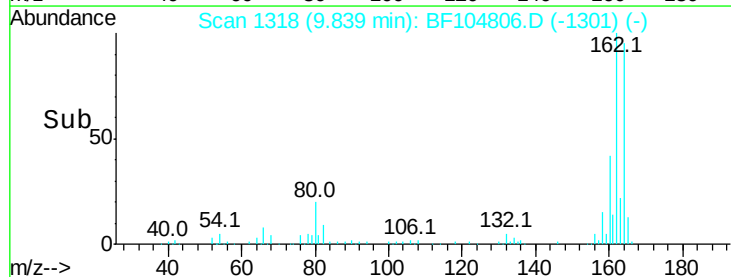
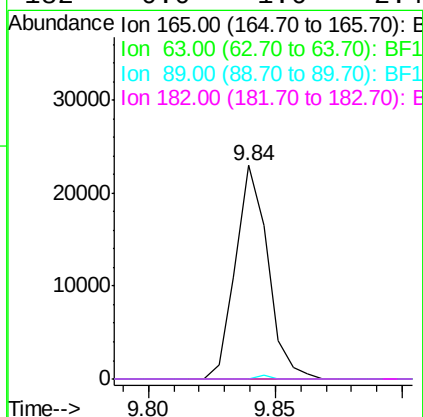
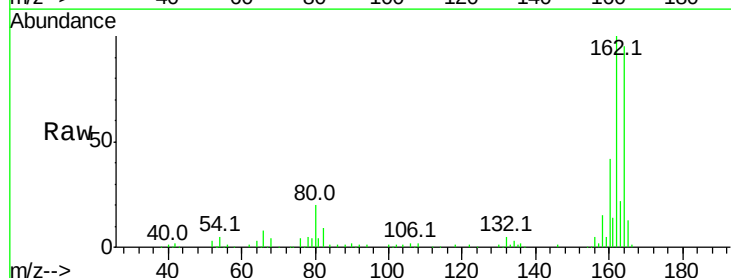
Instrument :
 BNA_F
 ClientSampleId :

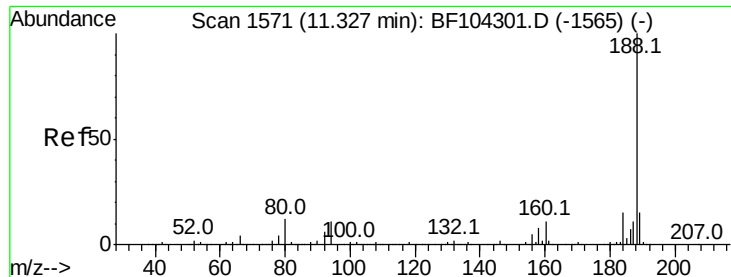
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.638 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.20 min
 Lab File: BF104806.D
 Acq: 25 Apr 2018 23:02

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

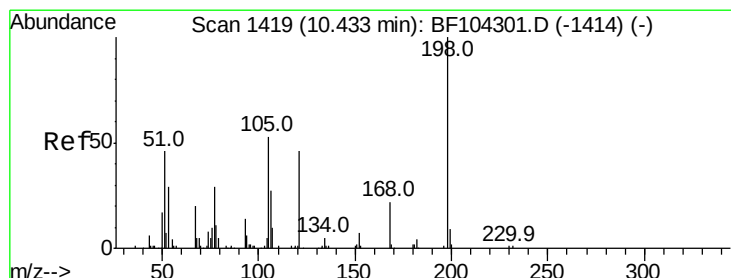
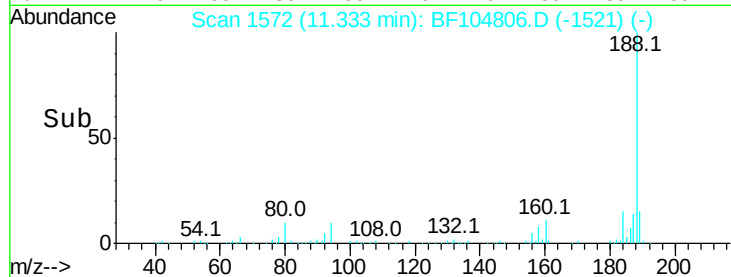
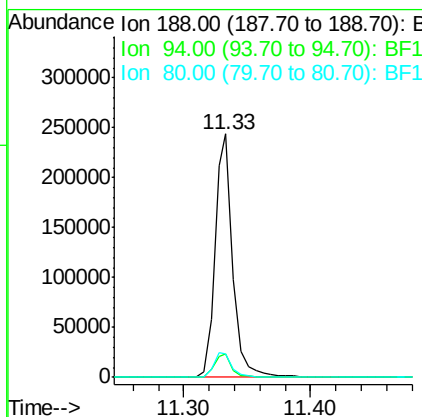
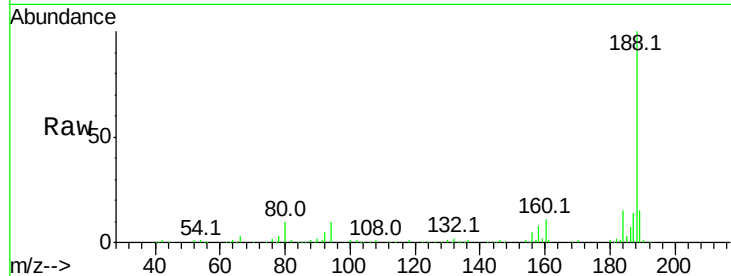




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF104806.D
 Acq: 25 Apr 2018 23:02

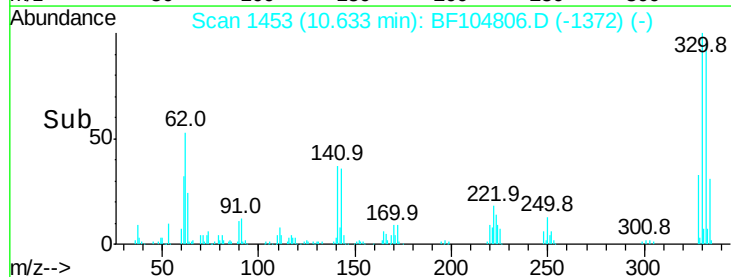
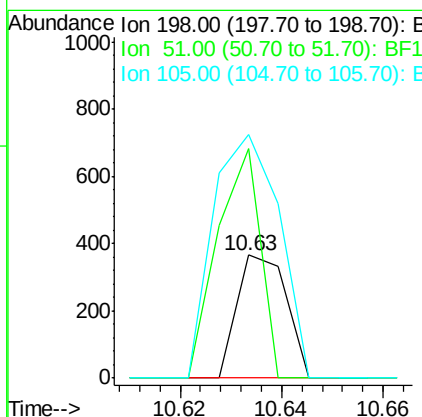
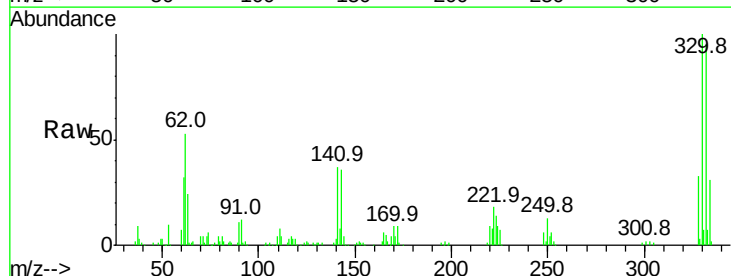
Instrument :
 BNA_F
 ClientSampleId :

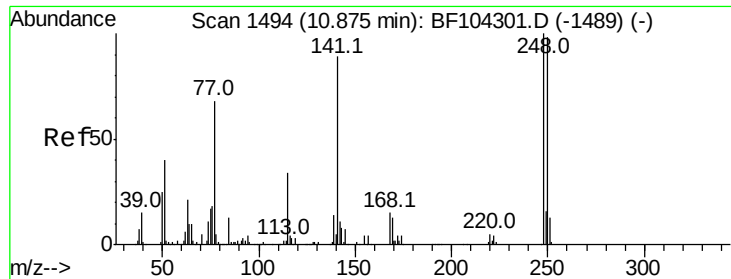
Tot Ion:188 Resp: 238842
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 9.6 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.527 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.18 min
 Lab File: BF104806.D
 Acq: 25 Apr 2018 23:02

Tgt Ion:198 Resp: 247
 Ion Ratio Lower Upper
 198 100
 51 186.9 37.7 77.7#
 105 197.8 36.3 76.3#

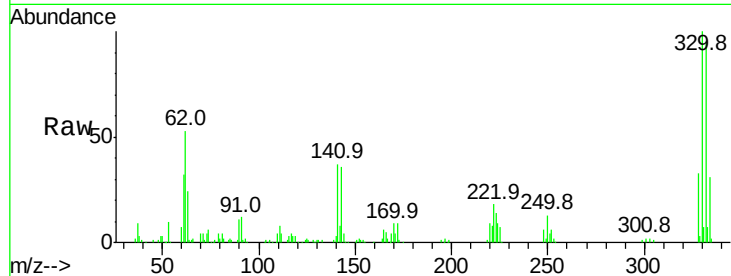




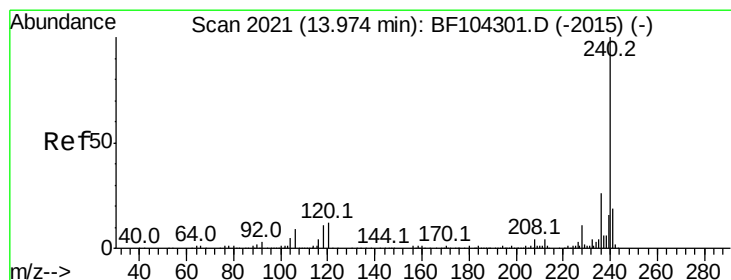
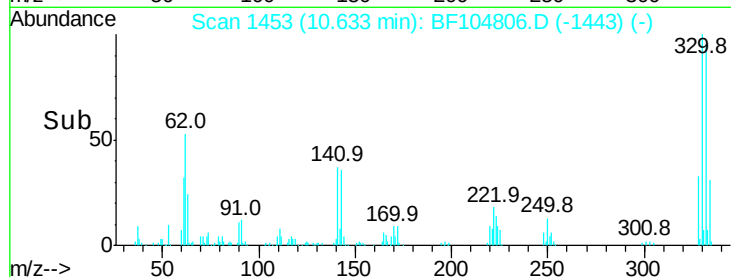
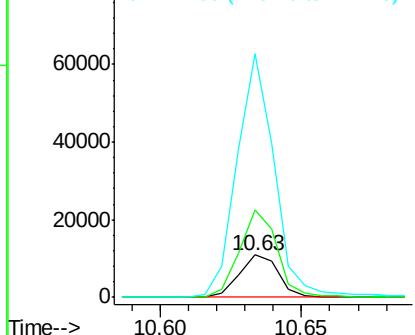
#66
4-Bromophenyl-phenylether
Concen: 4.096 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF104806.D
Acq: 25 Apr 2018 23:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10406
Ion Ratio Lower Upper
248 100
250 207.7 76.9 115.3#
141 578.2 74.4 111.6#

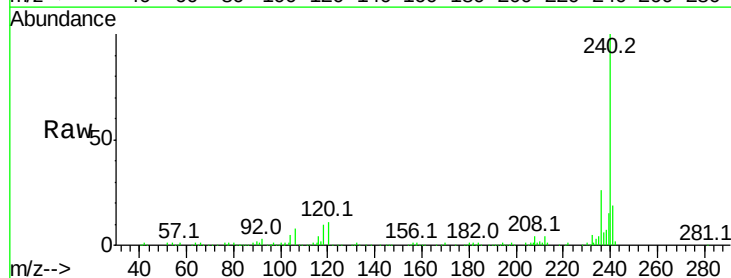


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

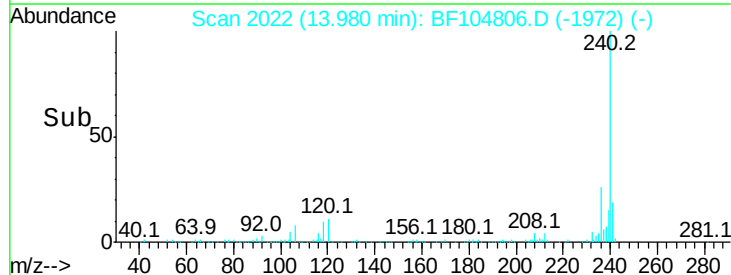
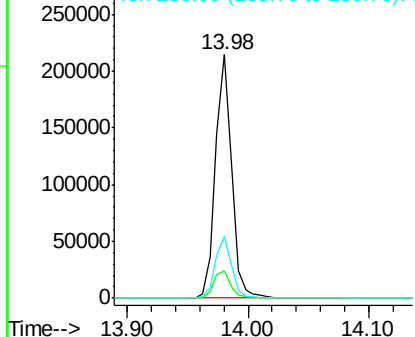


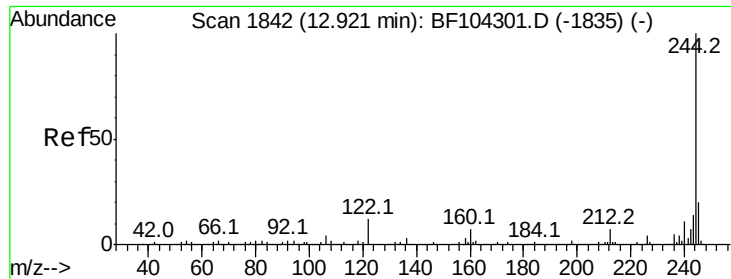
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF104806.D
Acq: 25 Apr 2018 23:02

Tgt Ion:240 Resp: 195337
Ion Ratio Lower Upper
240 100
120 11.1 9.5 14.3
236 25.6 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

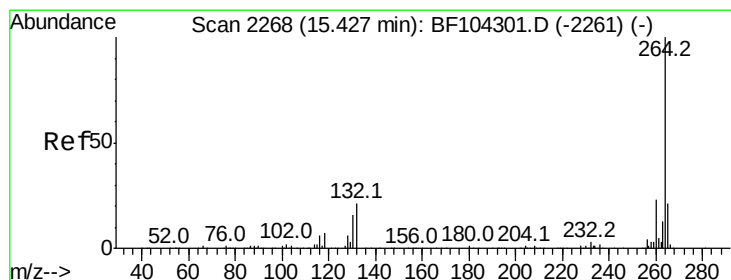
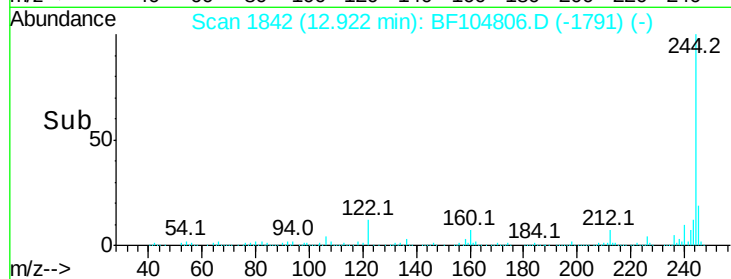
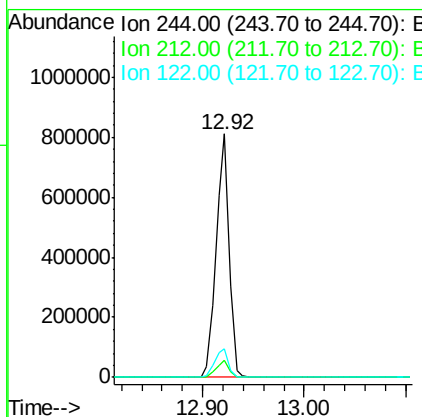
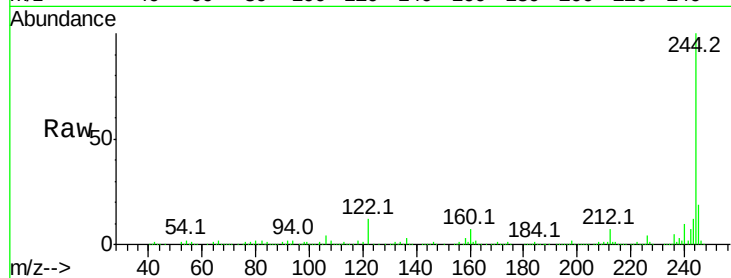




#78
 Terphenyl-d14
 Concen: 84.061 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF104806.D
 Acq: 25 Apr 2018 23:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 720235
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.9 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF104806.D
 Acq: 25 Apr 2018 23:02

Tgt Ion:264 Resp: 147852
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.2 17.5 26.3

