

Data Path : U:\HPCHEM1\BNA F\DATA\BF011218\
 Data File : BF102044.D
 Acq On : 12 Jan 2018 15:51
 Operator : SJ/JU
 Sample : PB105599BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 21:53:13 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

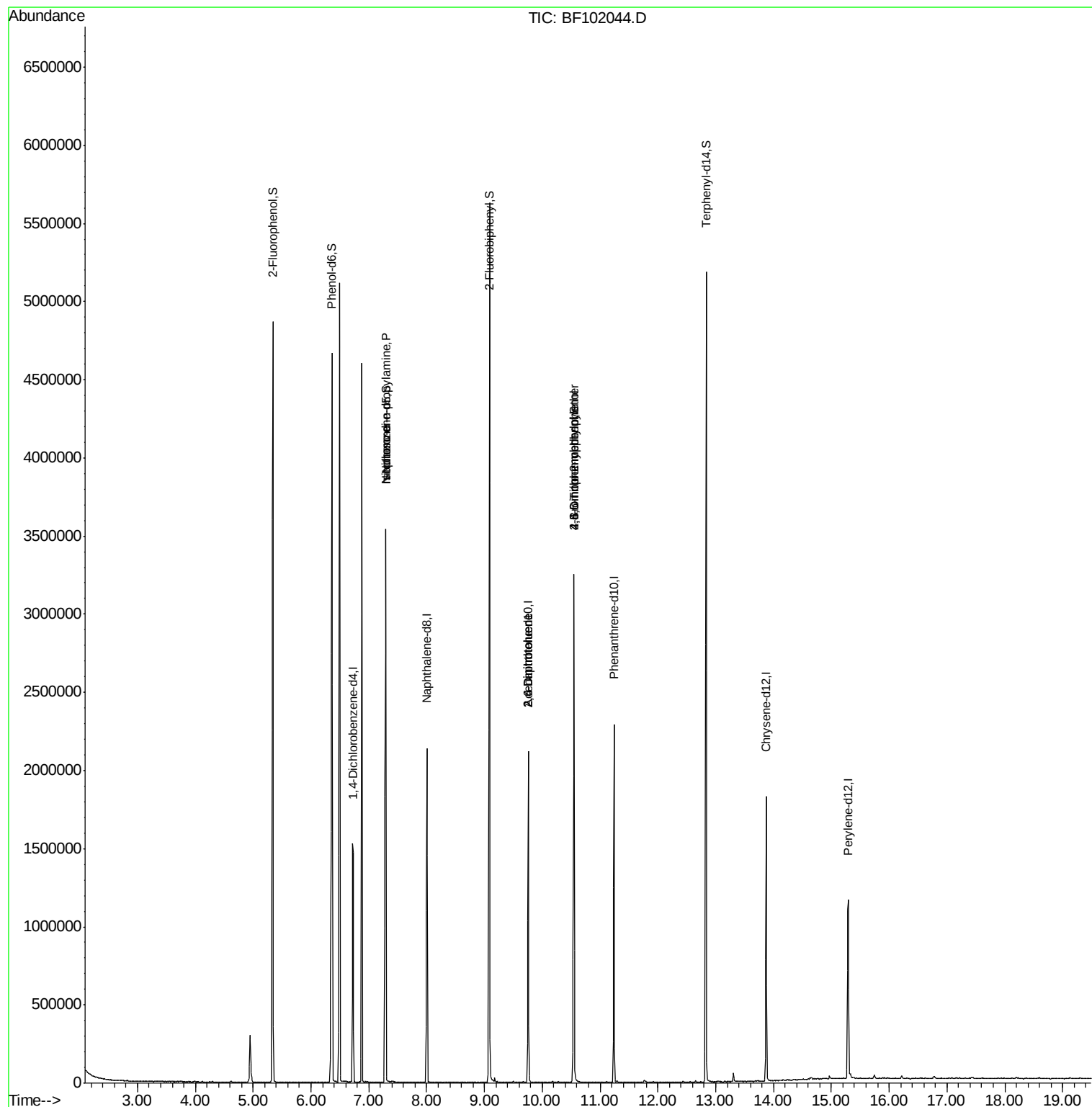
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	227484	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	940502	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	414924	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	744420	20.00	ng	0.00
75) Chrysene-d12	13.87	240	635575	20.00	ng	0.00
86) Perylene-d12	15.29	264	507585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1688351	104.80	ng	0.01
7) Phenol-d6	6.36	99	2022042	105.20	ng	0.00
23) Nitrobenzene-d5	7.29	82	1290792	80.65	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	438203	121.02	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2139533	80.56	ng	0.00
78) Terphenyl-d14	12.83	244	2037853	66.57	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	173447	13.770	ng	# 80
25) Isophorone	7.29	82	1288048	40.730	ng	# 64
50) 2,6-Dinitrotoluene	9.76	165	52902	7.957	ng	# 25
56) 2,4-Dinitrotoluene	9.76	165	52902	6.348	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	937	5.867	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	28879	3.674	ng	# 1

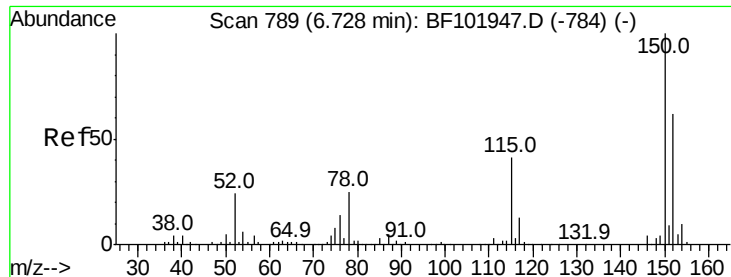
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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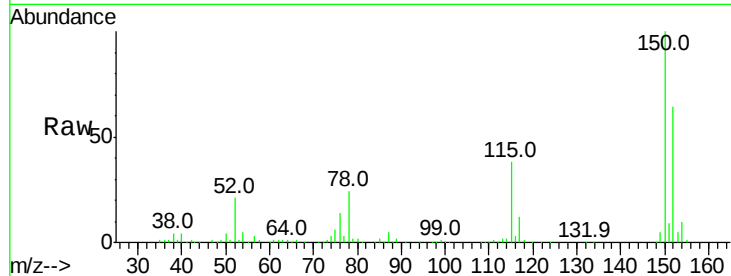


#1

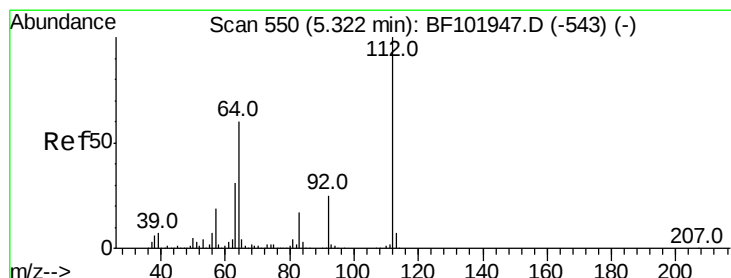
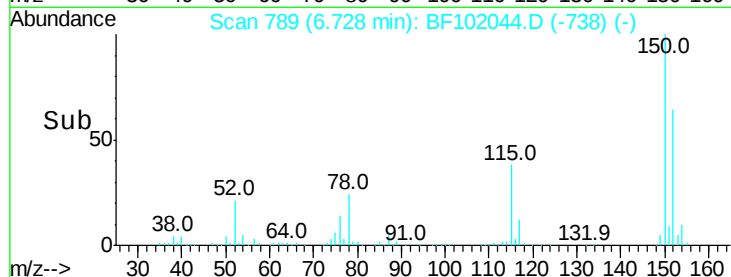
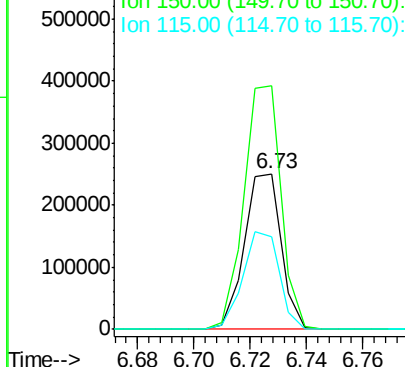
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102044.D
Acq: 12 Jan 2018 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 227484
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 59.9 50.1 75.1



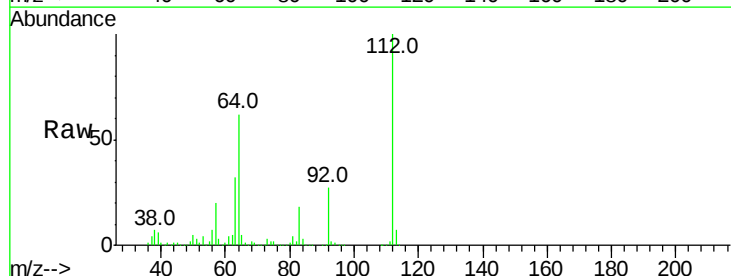
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



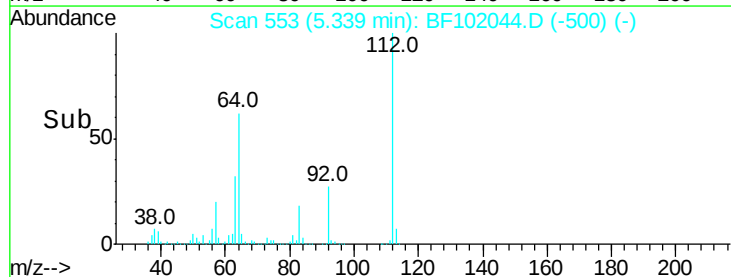
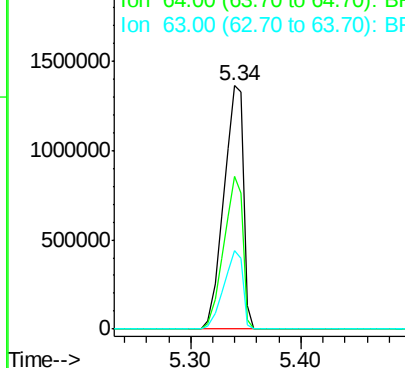
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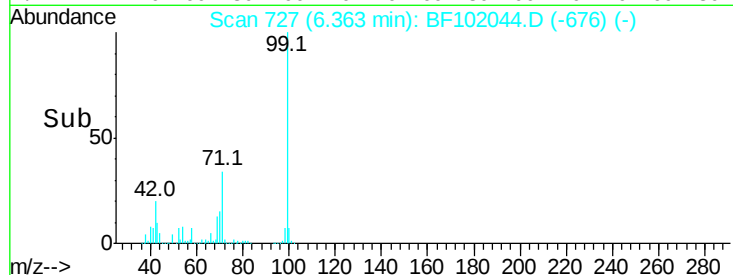
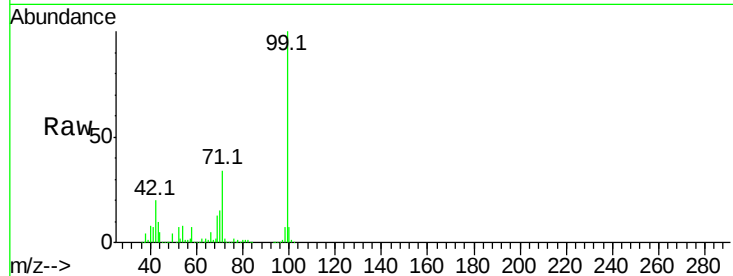
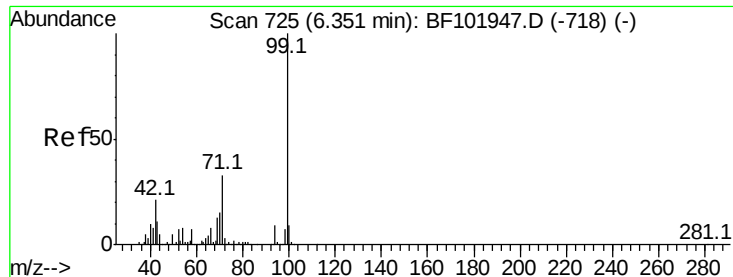
2-Fluorophenol
Concen: 104.803 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF102044.D
Acq: 12 Jan 2018 15:51

Tgt Ion:112 Resp: 1688351
Ion Ratio Lower Upper
112 100
64 62.5 47.9 71.9
63 32.1 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: 105.201 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF102044.D

Acq: 12 Jan 2018 15:51

Instrument :

BNA_F

ClientSampleId :

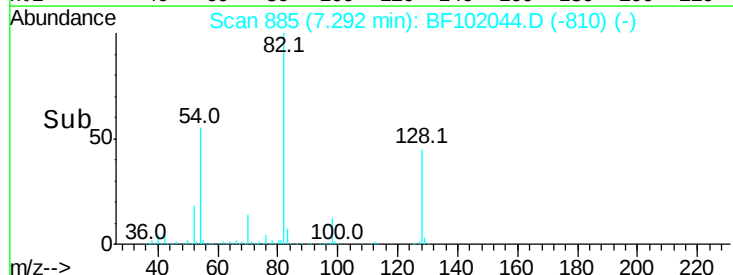
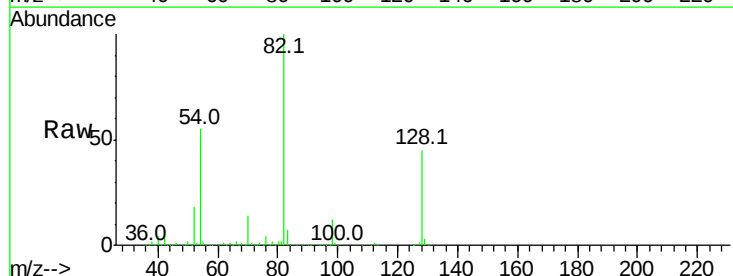
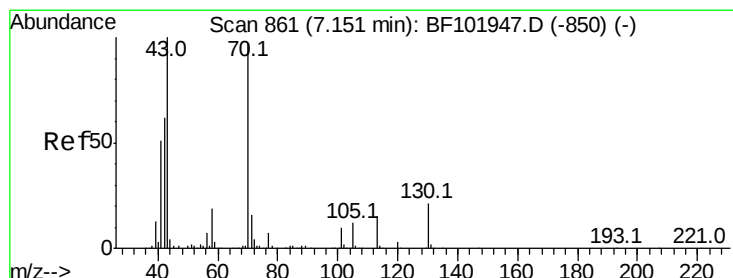
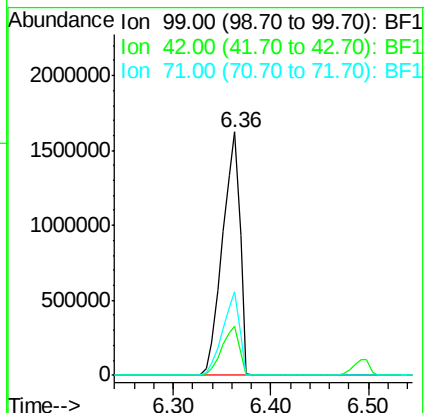
Tot Ion: 99 Resp: 2022042

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

71 34.3 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.770 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF102044.D

Acq: 12 Jan 2018 15:51

Tgt Ion: 70 Resp: 173447

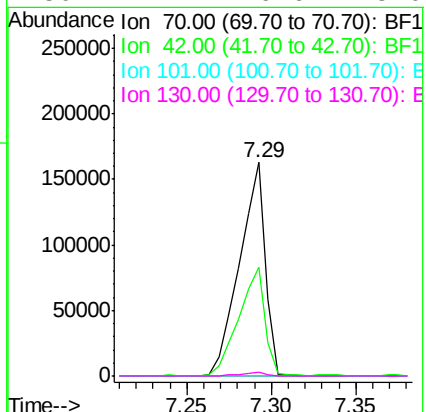
Ion Ratio Lower Upper

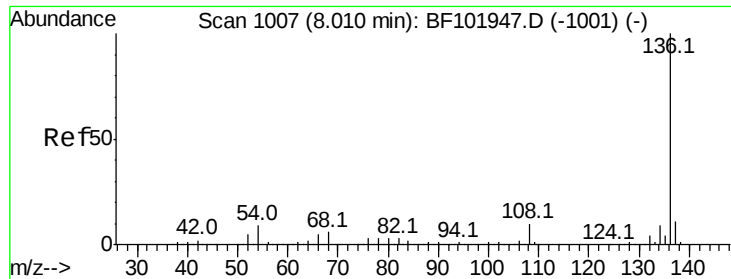
70 100

42 50.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

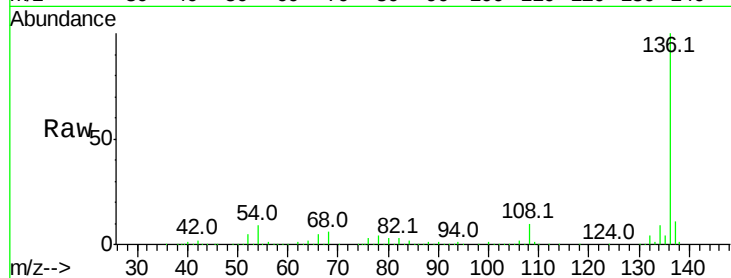




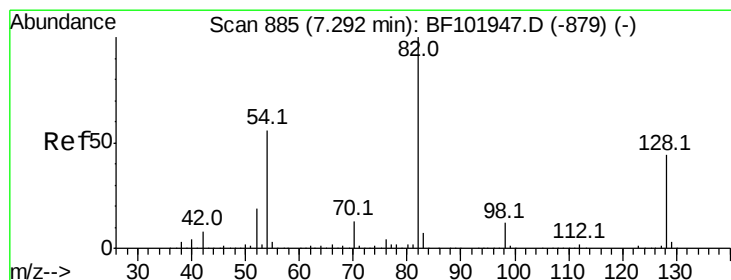
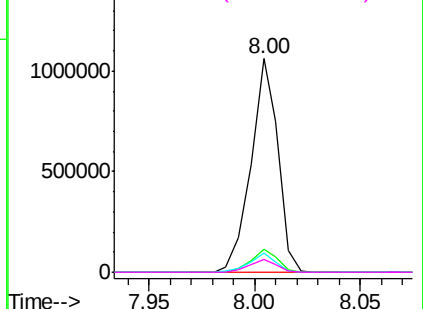
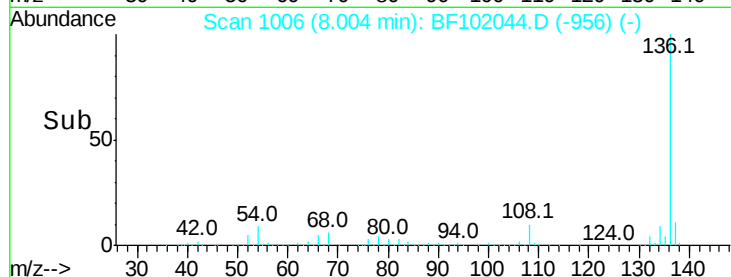
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102044.D
Acq: 12 Jan 2018 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	940502
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.9	6.6	9.8
68	6.3	5.0	7.4

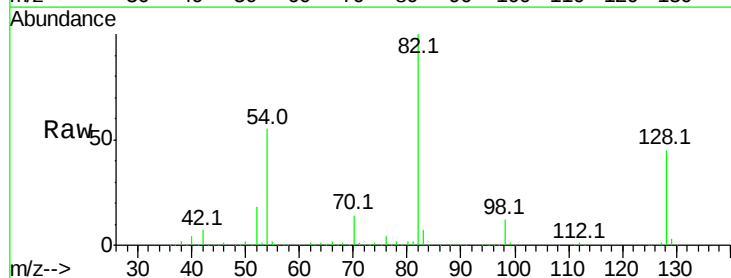


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

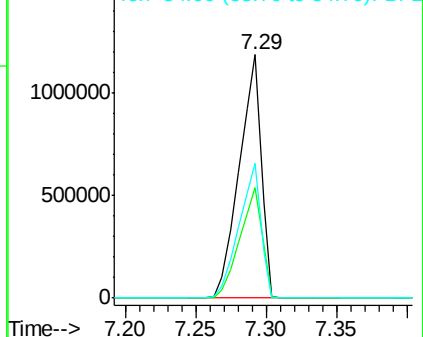
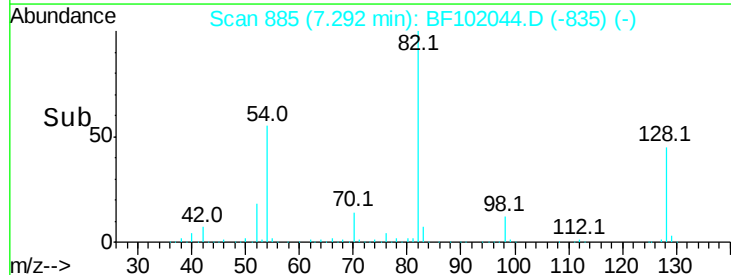


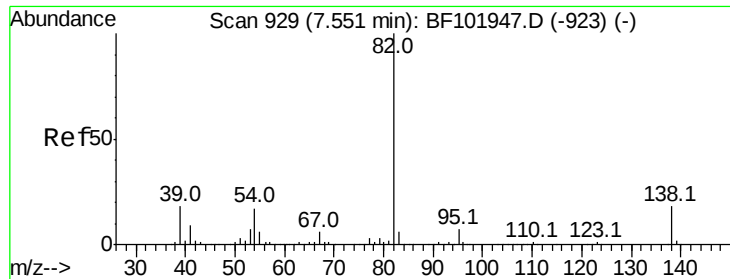
#23
Nitrobenzene-d5
Concen: 80.651 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102044.D
Acq: 12 Jan 2018 15:51

Tgt Ion:	82	Resp:	1290792
Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.1	54.1
54	55.2	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: 40.730 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.26 min

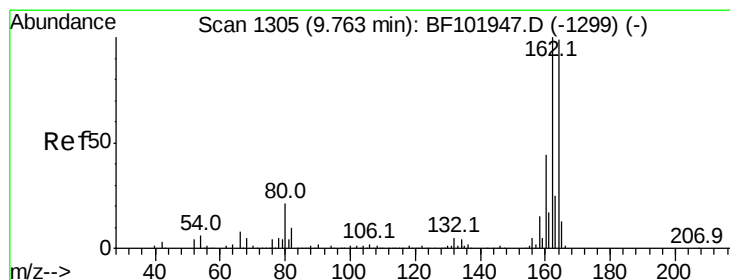
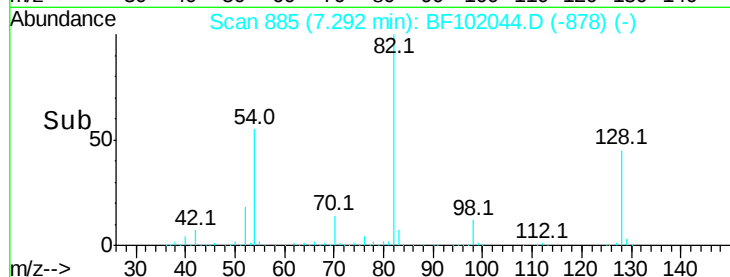
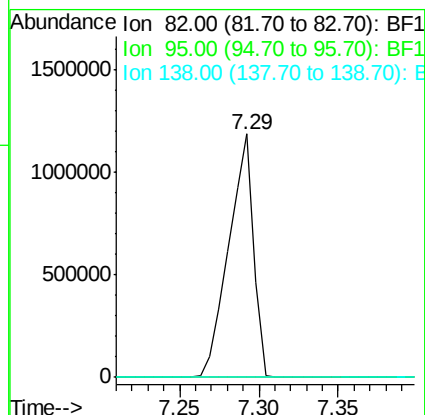
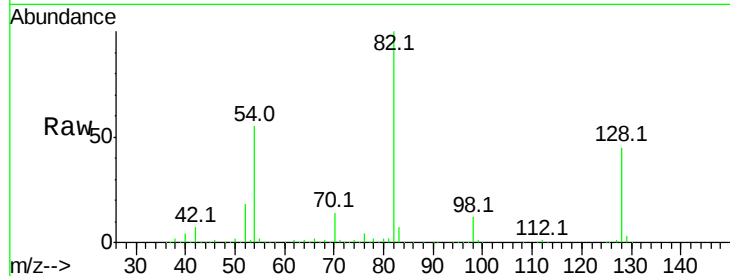
Lab File: BF102044.D

Acq: 12 Jan 2018 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1288048

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

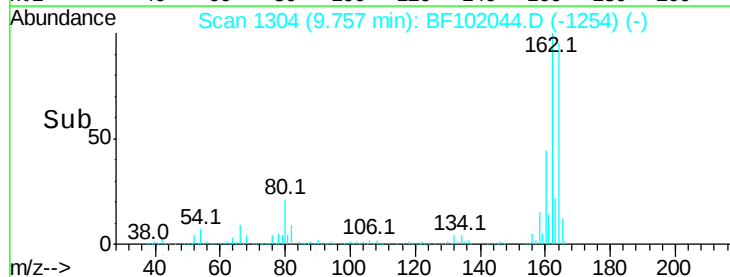
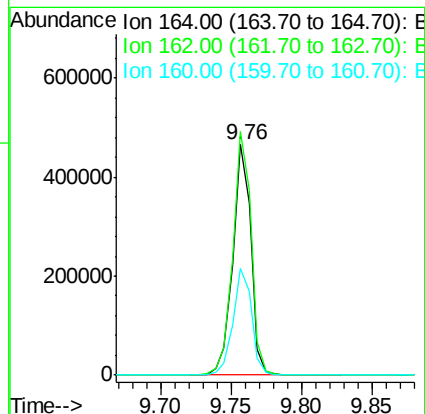
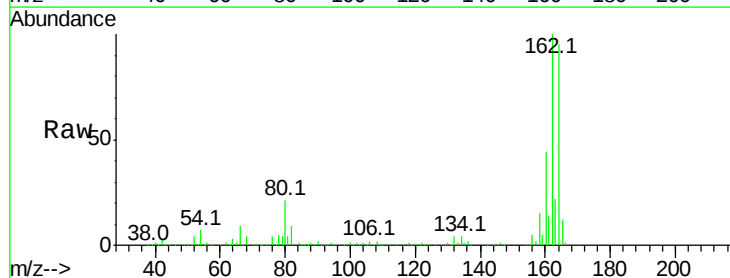
Delta R.T. -0.01 min

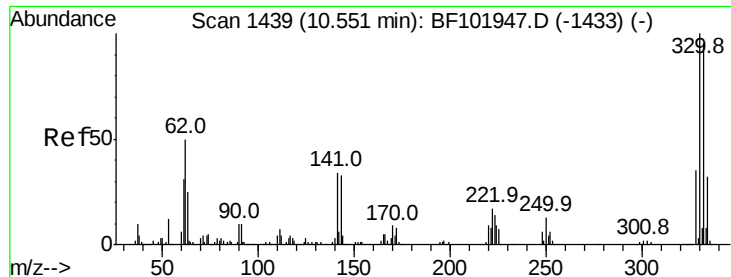
Lab File: BF102044.D

Acq: 12 Jan 2018 15:51

Tgt Ion:164 Resp: 414924

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	46.4	38.3	57.5

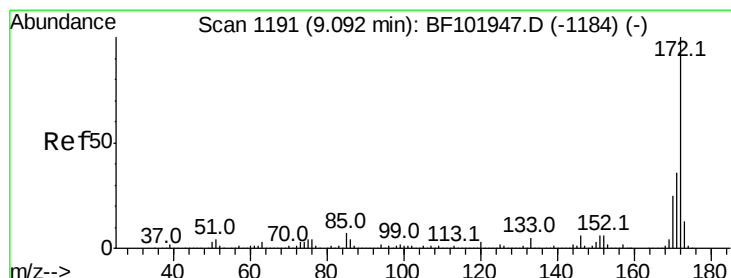
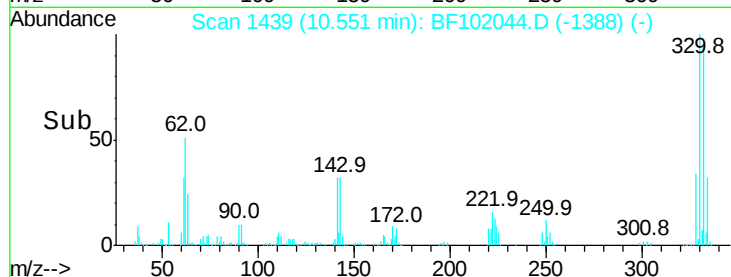
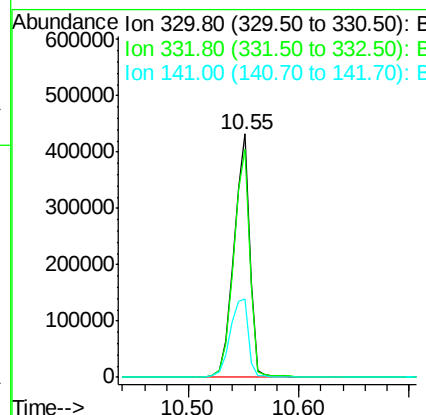
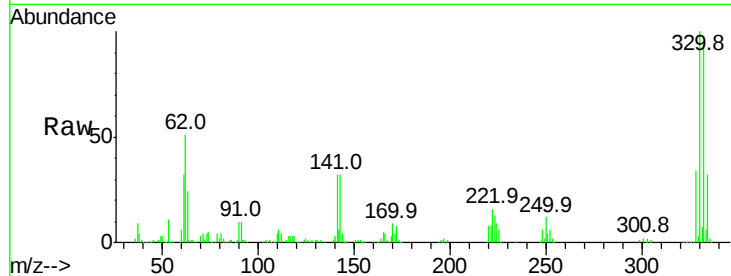




#41
 2,4,6-Tribromophenol
 Concen: 121.018 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF102044.D
 Acq: 12 Jan 2018 15:51

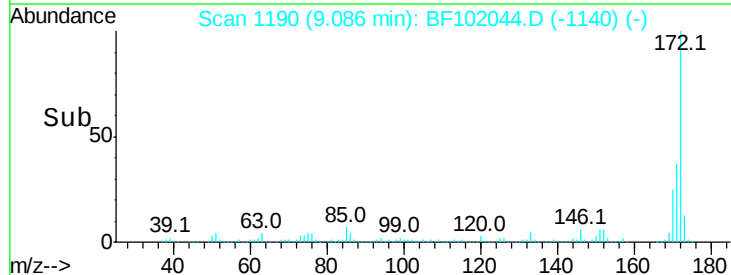
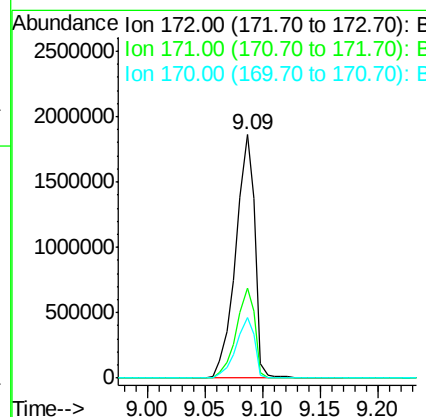
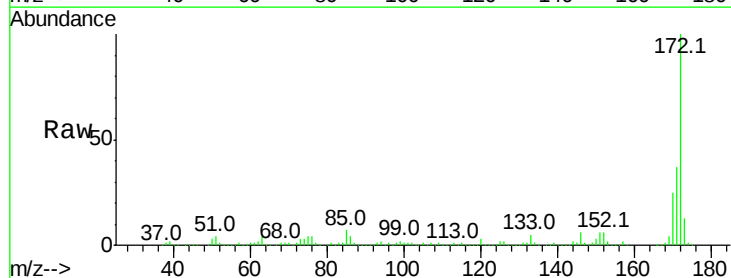
Instrument :
 BNA_F
 ClientSampled :

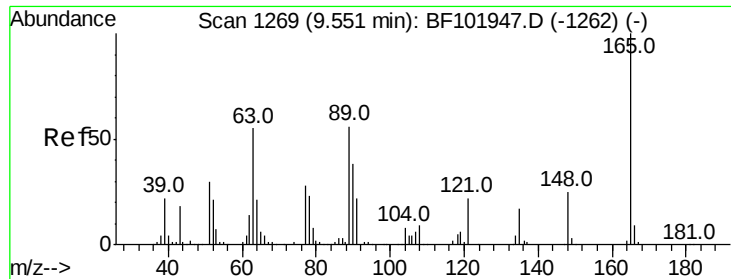
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 80.558 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF102044.D
 Acq: 12 Jan 2018 15:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.8	19.6	29.4

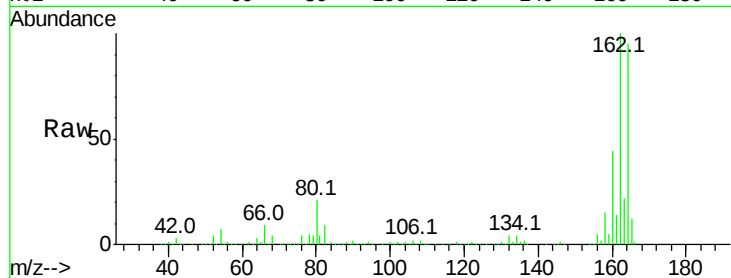




#50
 2,6-Dinitrotoluene
 Concen: 7.957 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF102044.D
 Acq: 12 Jan 2018 15:51

Instrument :
 BNA_F
 ClientSampleId :

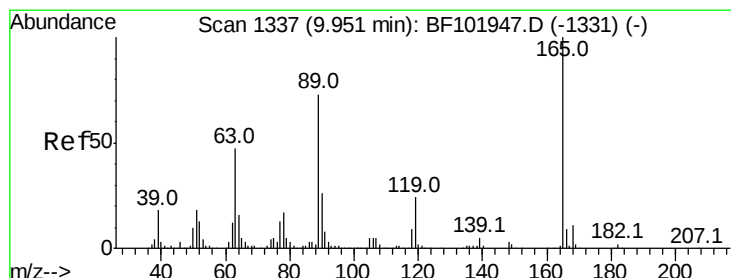
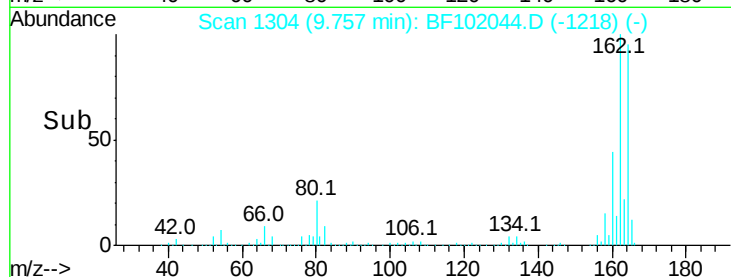
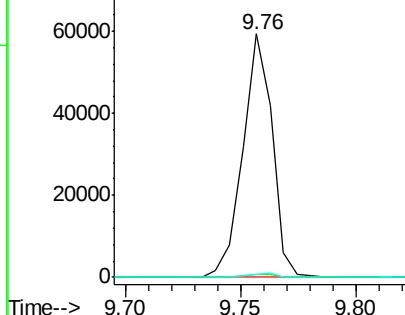
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	44.7	67.1#
89	1.3	44.0	66.0#



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: 6.348 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF102044.D
 Acq: 12 Jan 2018 15:51

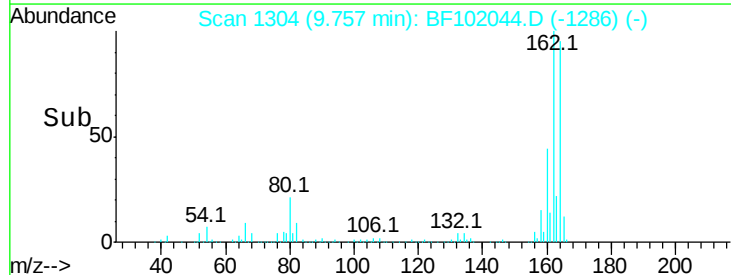
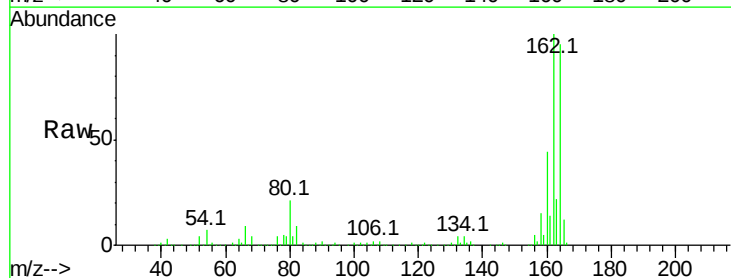
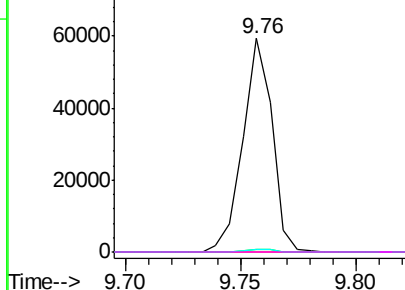
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

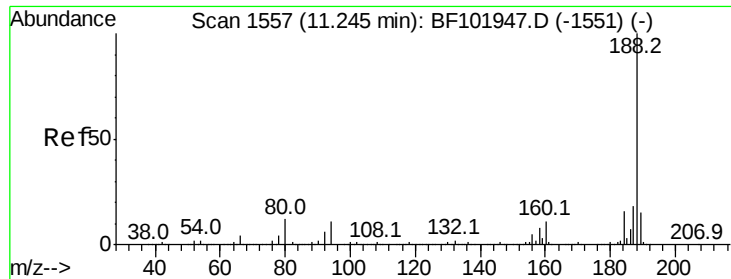
Abundance Ion 165.00 (164.70 to 165.70): E

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

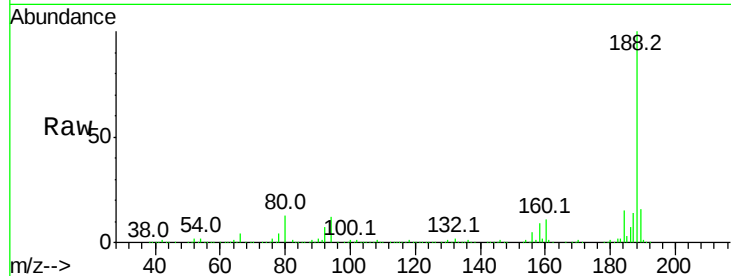




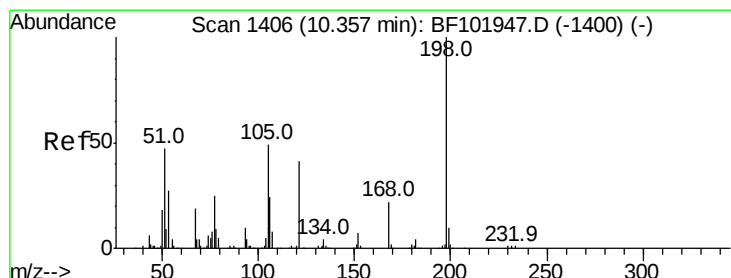
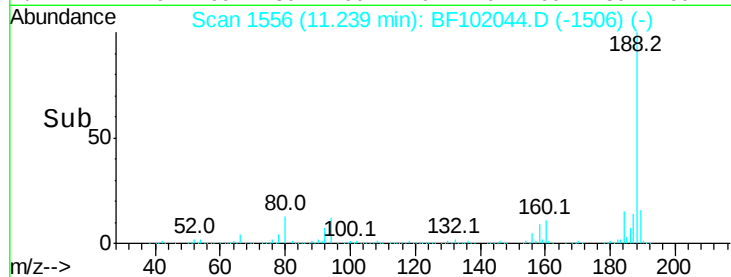
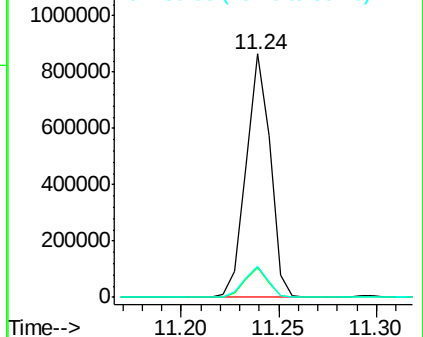
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF102044.D
Acq: 12 Jan 2018 15:51

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 744420
Ion Ratio Lower Upper
188 100
94 12.2 8.5 12.7
80 12.8 9.2 13.8

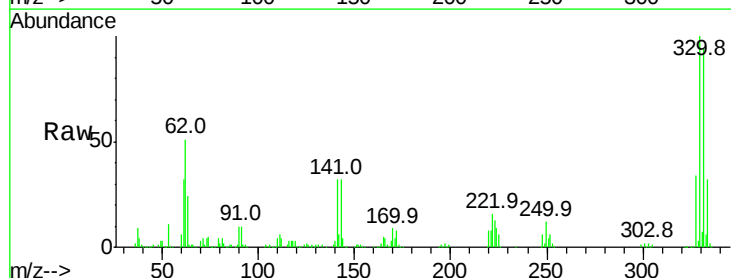


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

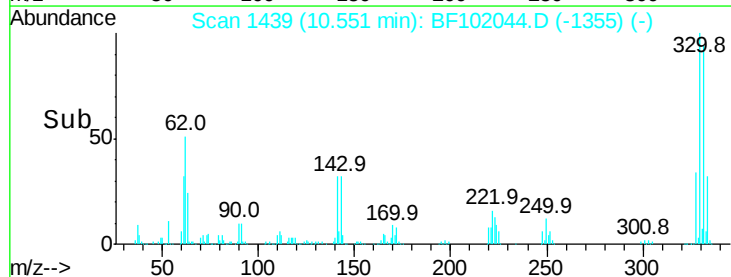
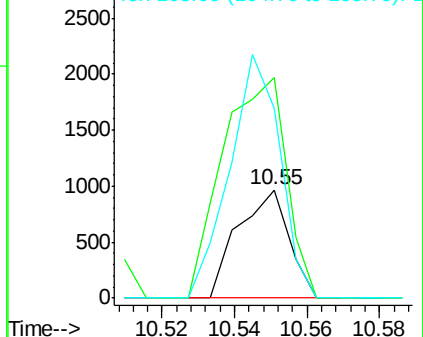


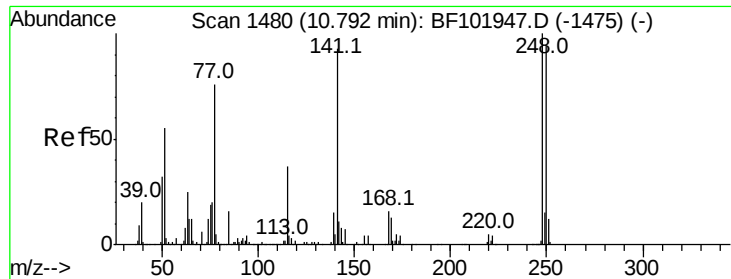
#64
4,6-Dinitro-2-methylphenol
Concen: 5.867 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.19 min
Lab File: BF102044.D
Acq: 12 Jan 2018 15:51

Tgt Ion:198 Resp: 937
Ion Ratio Lower Upper
198 100
51 204.6 37.7 77.7#
105 176.4 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

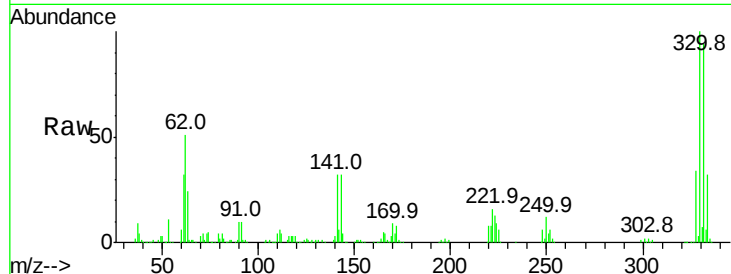




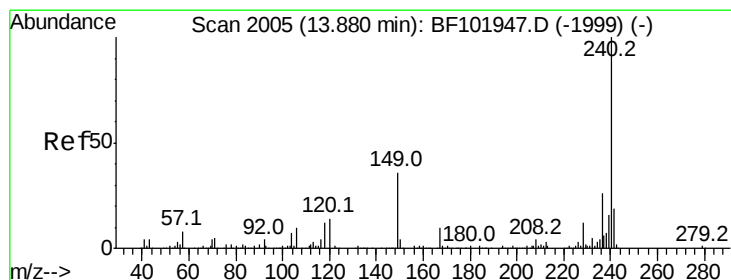
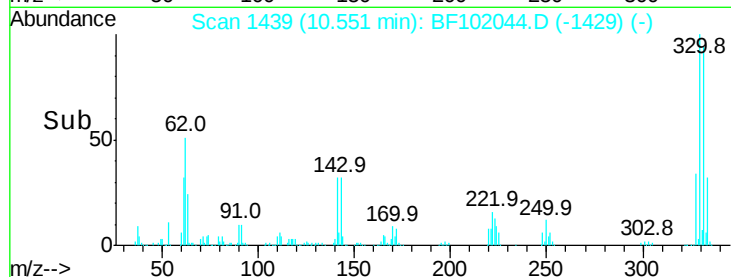
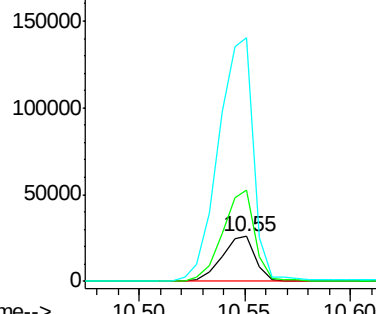
#66
4-Bromophenyl-phenylether
Concen: 3.674 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF102044.D
Acq: 12 Jan 2018 15:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 28879
Ion Ratio Lower Upper
248 100
250 205.5 76.9 115.3#
141 544.4 74.4 111.6#

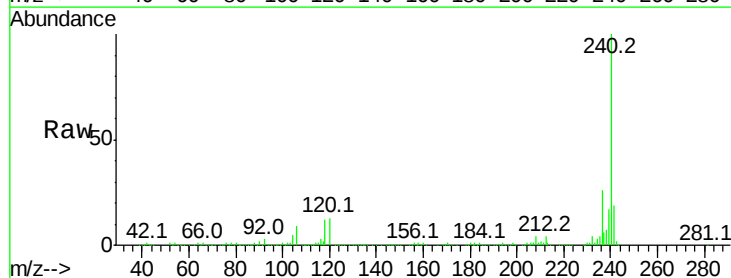


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

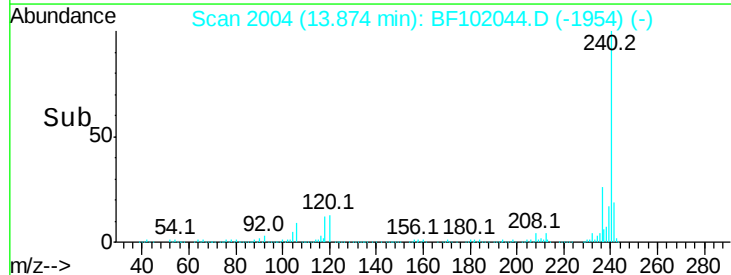
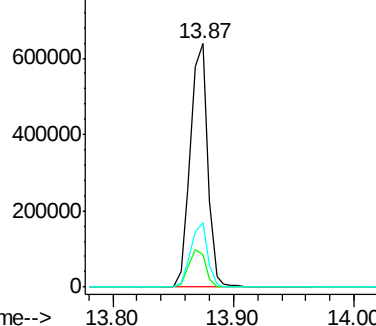


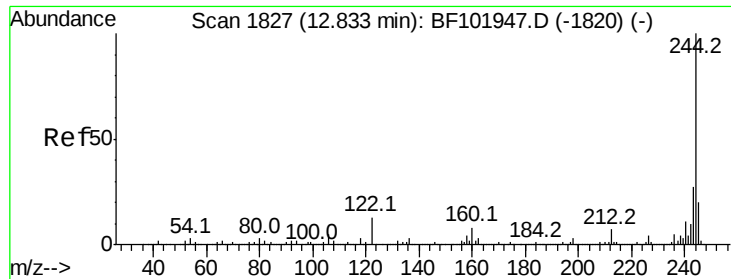
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102044.D
Acq: 12 Jan 2018 15:51

Tgt Ion:240 Resp: 635575
Ion Ratio Lower Upper
240 100
120 13.4 9.5 14.3
236 26.2 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



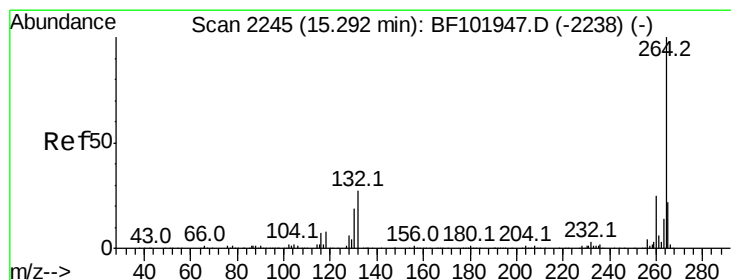
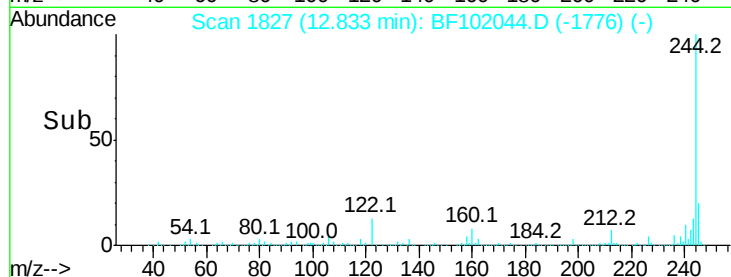
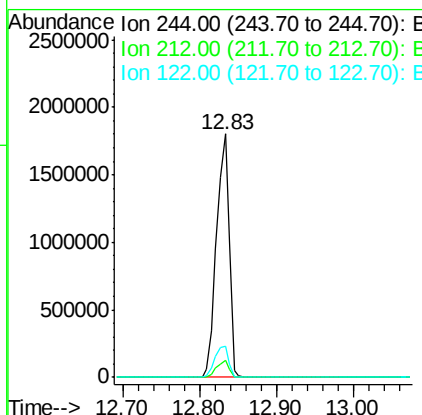
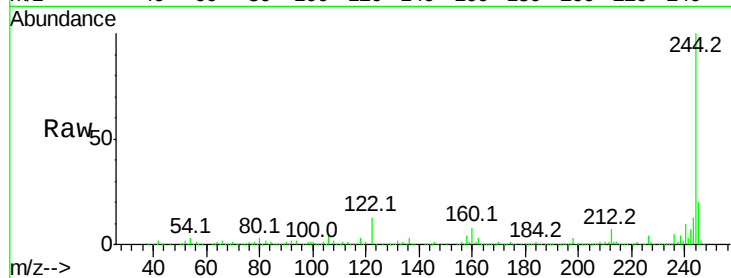


#78
 Terphenyl-d14
 Concen: 66.571 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF102044.D
 Acq: 12 Jan 2018 15:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2037853

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.0	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2245
 Delta R.T. -0.00 min
 Lab File: BF102044.D
 Acq: 12 Jan 2018 15:51

Tgt Ion:264 Resp: 507585

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.8	17.5	26.3

