

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
 Data File : BF110236.D
 Acq On : 27 Oct 2018 3:17
 Operator : JU/SJ
 Sample : J5686-14
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 27 06:31:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

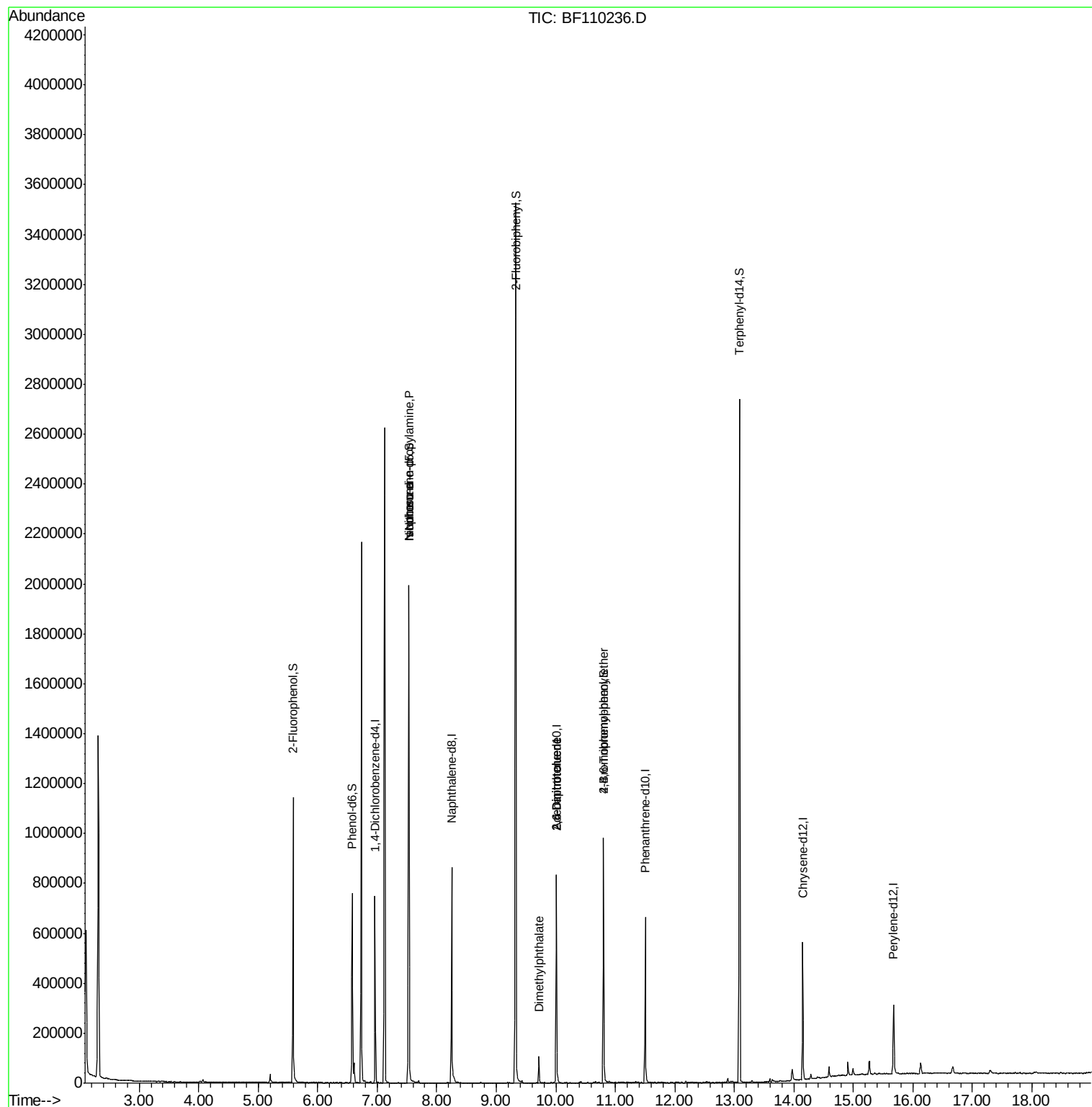
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	116216	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	432702	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	169270	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	260688	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	193842	20.00	ng	-0.01
87) Perylene-d12	15.68	264	129672	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	296626	41.56	ng	-0.01
7) Phenol-d6	6.58	99	229328	25.12	ng	-0.02
23) Nitrobenzene-d5	7.53	82	695051	95.28	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	118840	70.88	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1143719	106.10	ng	-0.01
79) Terphenyl-d14	13.09	244	907184	97.33	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	92110	15.729	ng	# 77
25) Isophorone	7.53	82	695046	55.892	ng	# 67
50) Dimethylphthalate	9.72	163	47641	3.813	ng	# 97
51) 2,6-Dinitrotoluene	10.01	165	20062	7.454	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	20062	5.868	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	8226	2.909	ng	# 1

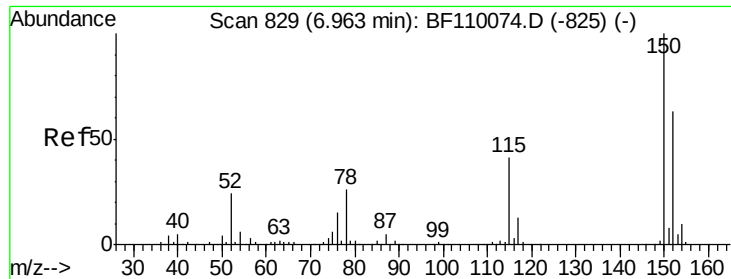
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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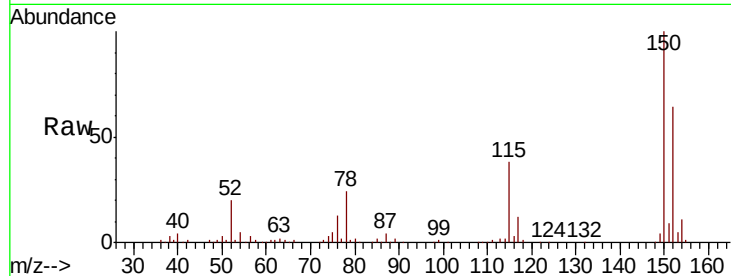


#1

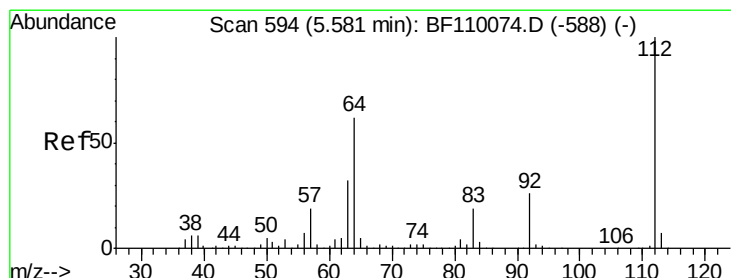
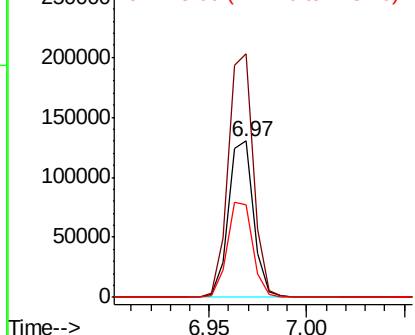
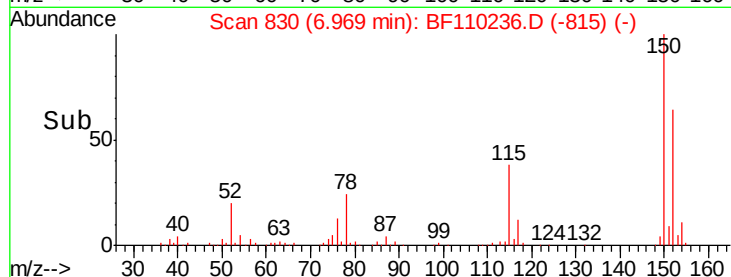
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110236.D
Acq: 27 Oct 2018 3:17

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	122.7	184.1
115	59.6	49.1	73.7



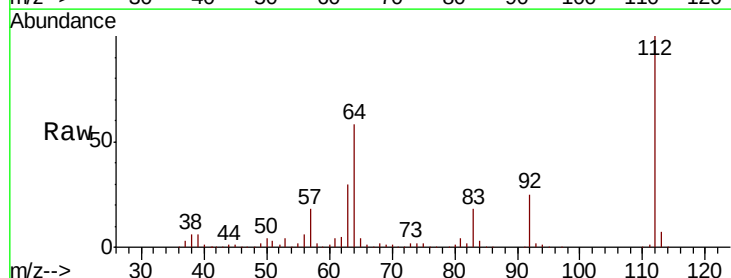
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



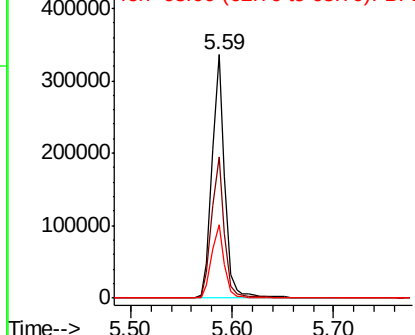
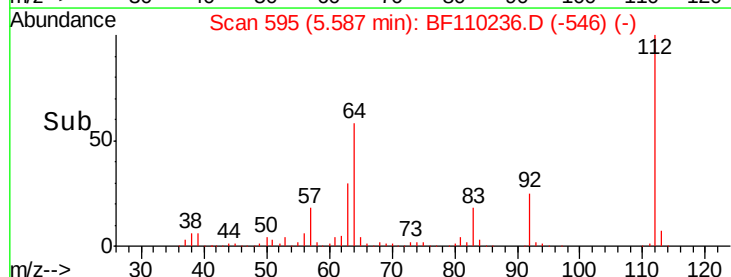
#5

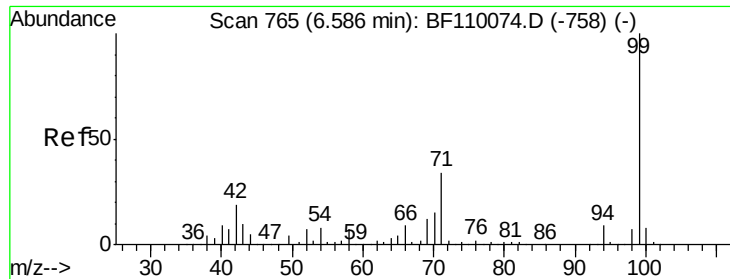
2-Fluorophenol
Concen: 41.564 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110236.D
Acq: 27 Oct 2018 3:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.0	44.1	66.1
63	30.3	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: 25.123 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110236.D

Acq: 27 Oct 2018 3:17

Instrument :

BNA_F

ClientSampleId :

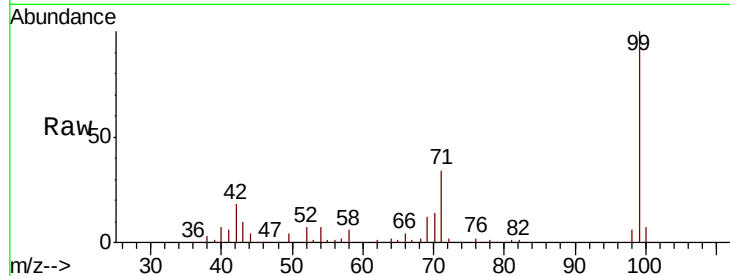
Tot Ion: 99 Resp: 229328

Ion Ratio Lower Upper

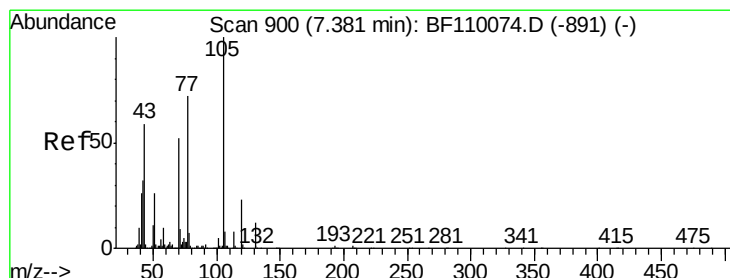
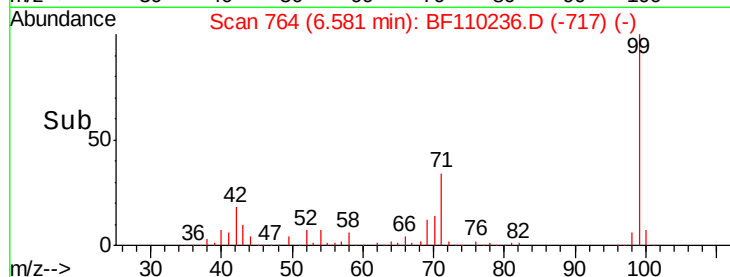
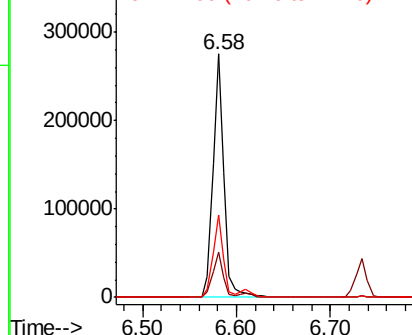
99 100

42 18.5 15.8 23.6

71 33.7 28.0 42.0



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: 15.729 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.14 min

Lab File: BF110236.D

Acq: 27 Oct 2018 3:17

Tgt Ion: 70 Resp: 92110

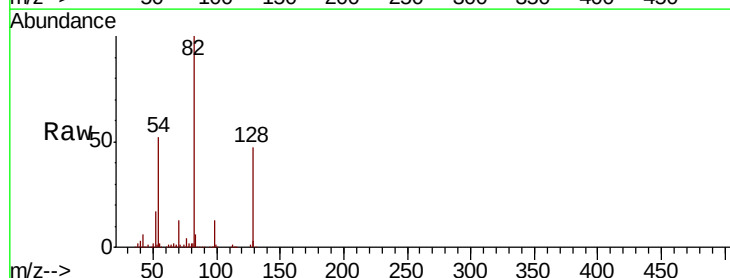
Ion Ratio Lower Upper

70 100

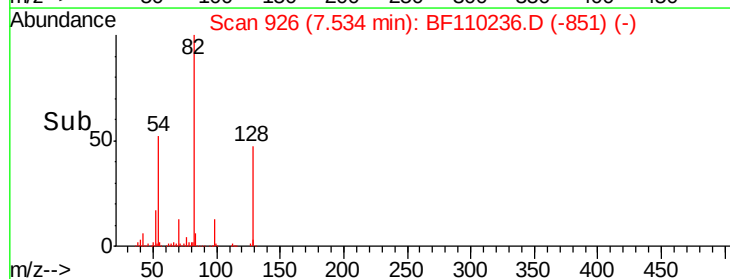
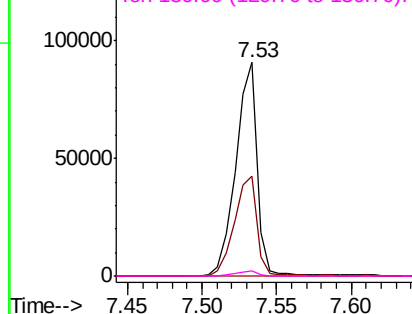
42 46.8 47.4 71.2#

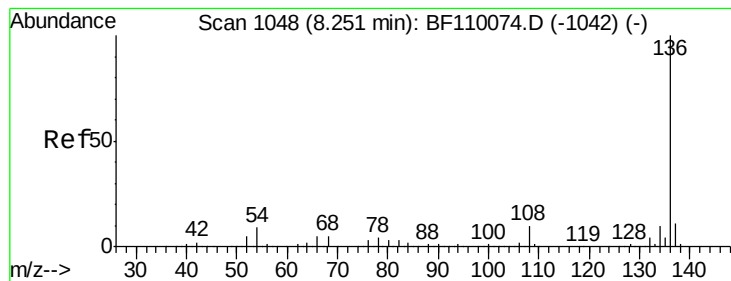
101 0.0 7.3 10.9#

130 2.4 16.2 24.2#



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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110236.D

Acq: 27 Oct 2018 3:17

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 432702

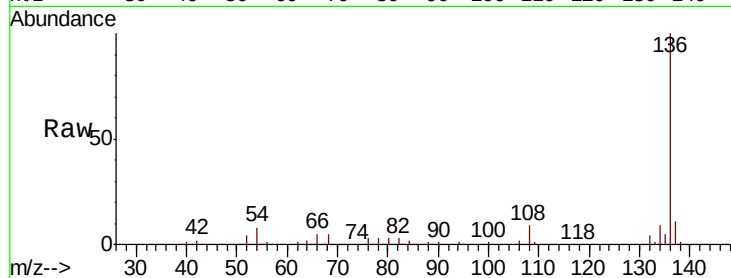
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.6 5.4 8.2

68 5.0 4.2 6.2

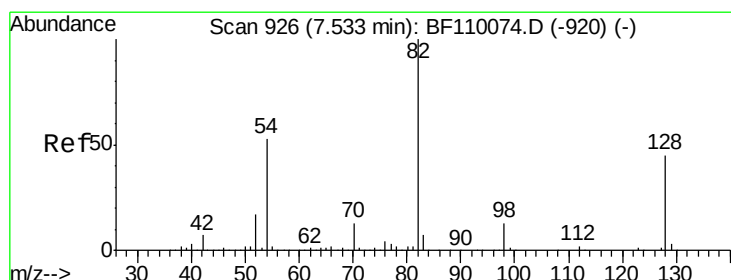
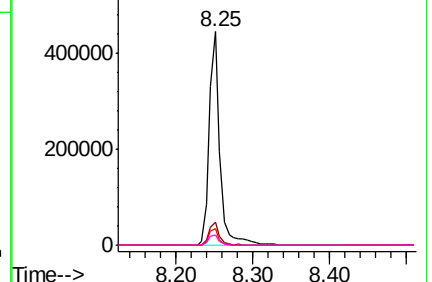
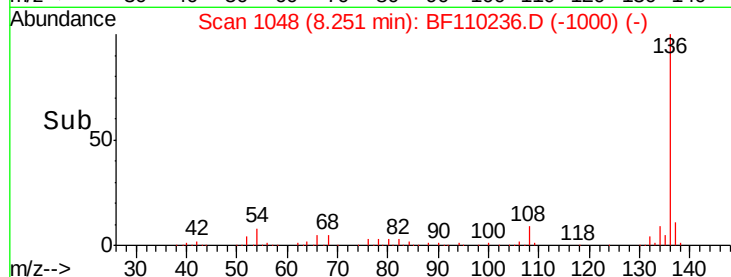


Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.275 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF110236.D

Acq: 27 Oct 2018 3:17

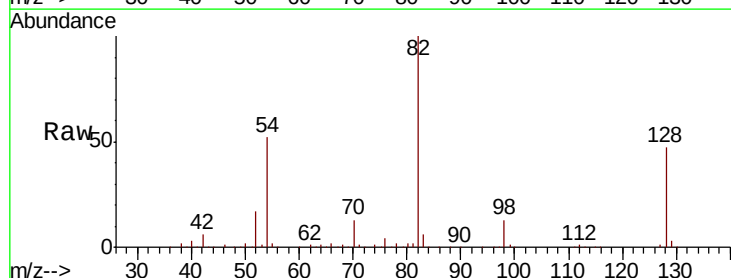
Tgt Ion: 82 Resp: 695051

Ion Ratio Lower Upper

82 100

128 46.8 34.2 51.2

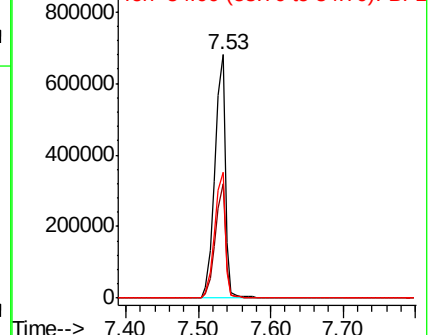
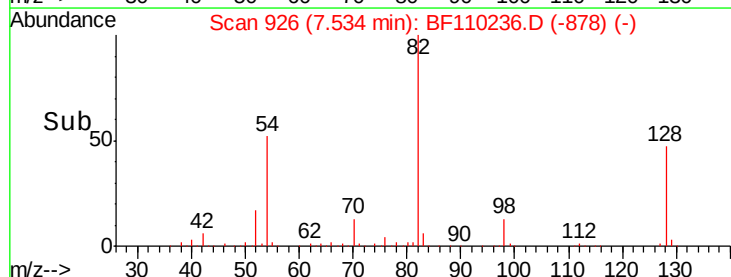
54 51.6 38.6 58.0

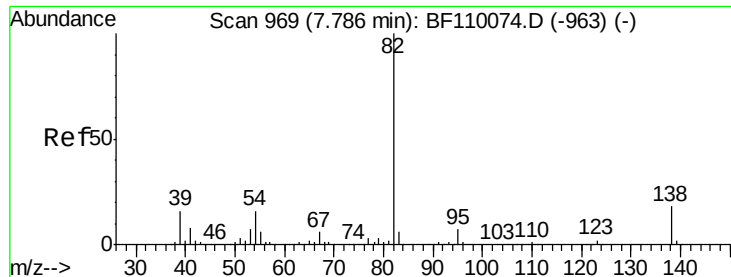


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 55.892 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.27 min

Lab File: BF110236.D

Acq: 27 Oct 2018 3:17

Instrument :

BNA_F

ClientSampleId :

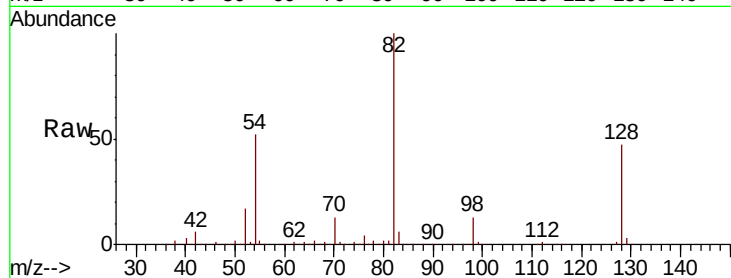
Tot Ion: 82 Resp: 695046

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

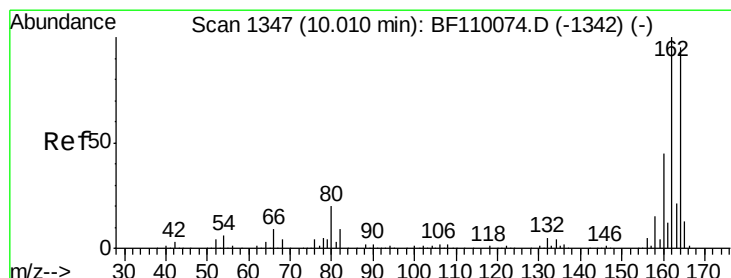
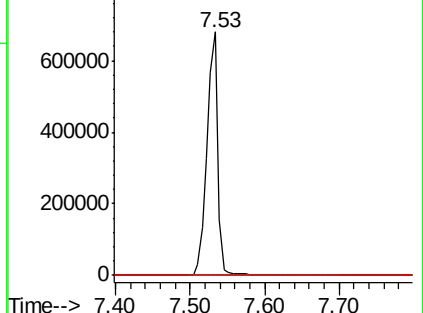
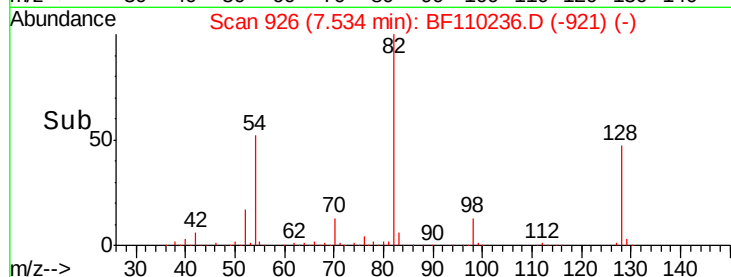
138 0.0 13.2 19.8#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110236.D

Acq: 27 Oct 2018 3:17

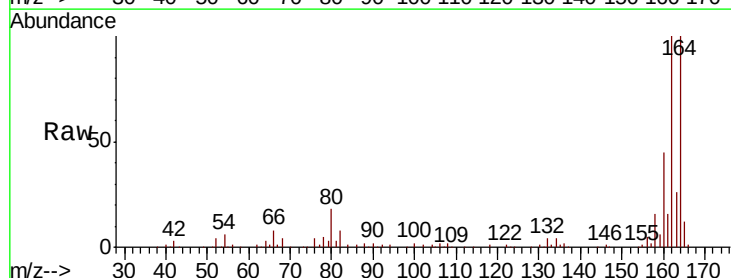
Tgt Ion: 164 Resp: 169270

Ion Ratio Lower Upper

164 100

162 100.0 83.0 124.6

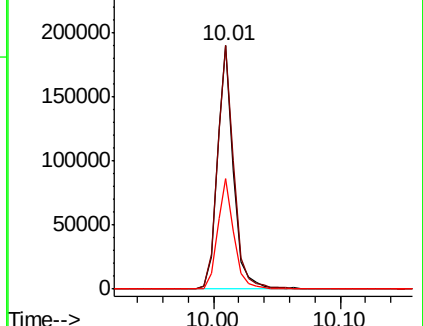
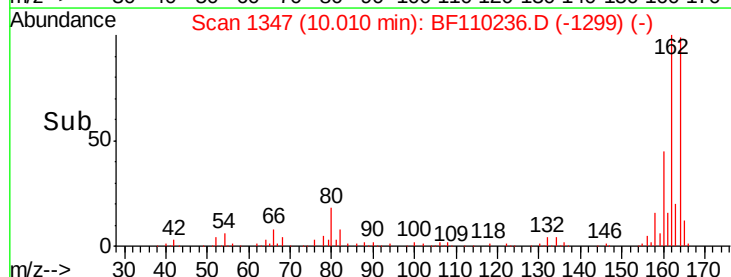
160 45.5 37.0 55.6

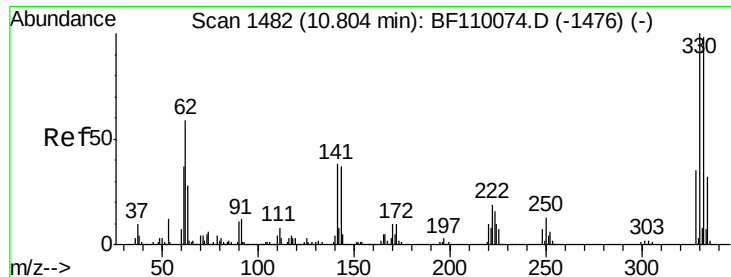


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

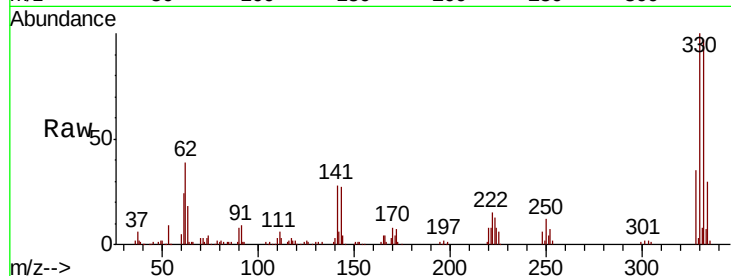




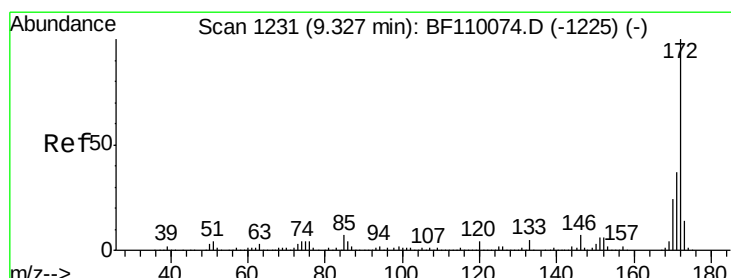
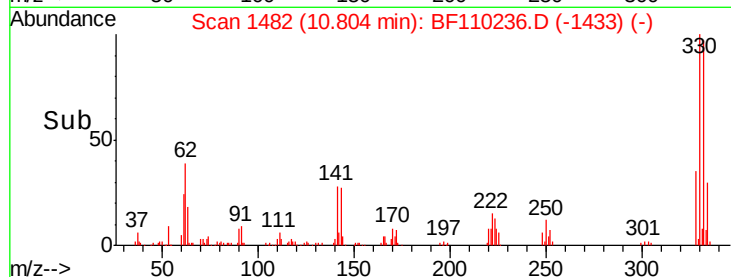
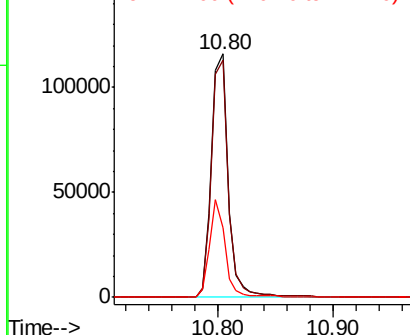
#42
 2,4,6-Tribromophenol
 Concen: 70.876 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110236.D
 Acq: 27 Oct 2018 3:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 118840
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.1 115.7
 141 36.9 27.0 40.4

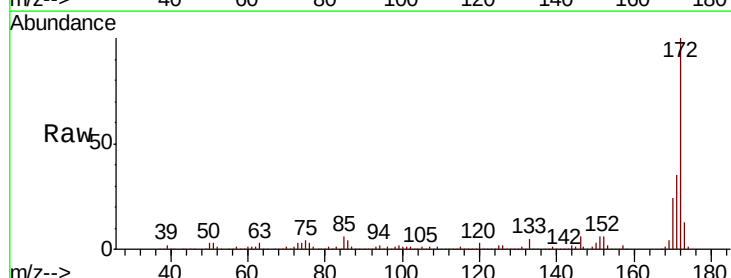


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

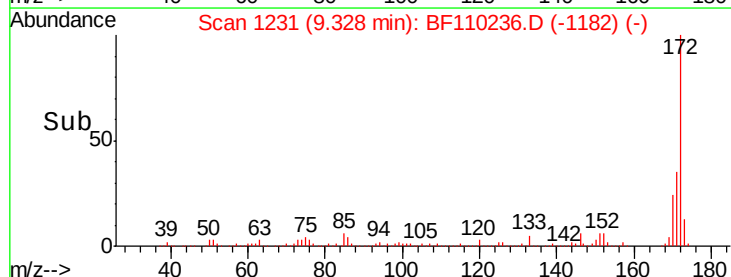
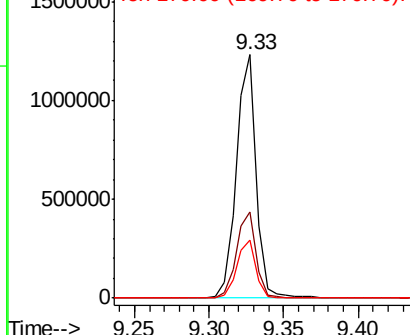


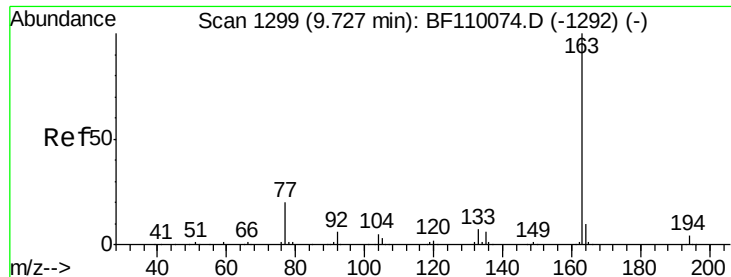
#45
 2-Fluorobiphenyl
 Concen: 106.099 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110236.D
 Acq: 27 Oct 2018 3:17

Tgt Ion:172 Resp: 1143719
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.6 19.7 29.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

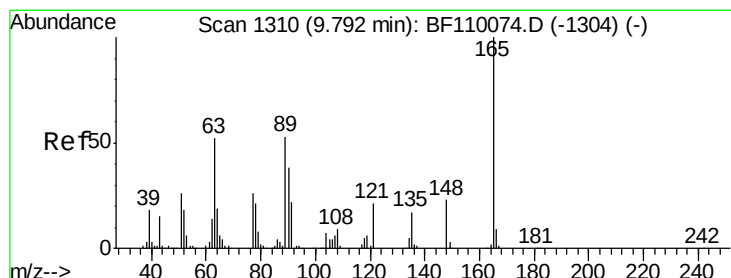
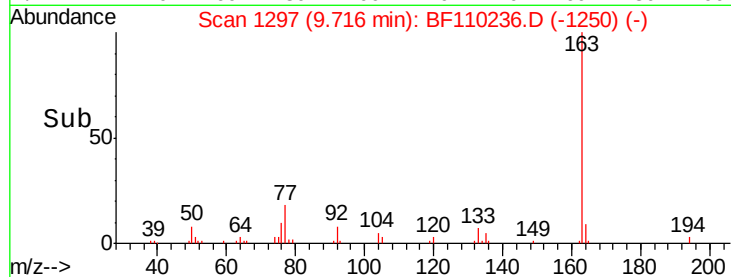
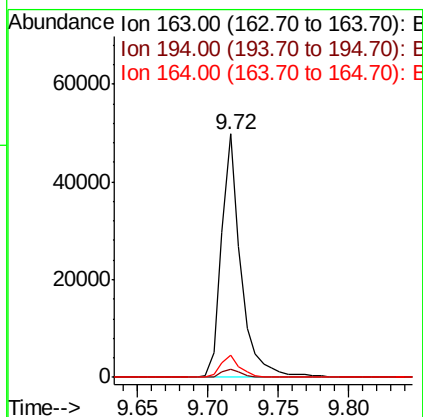
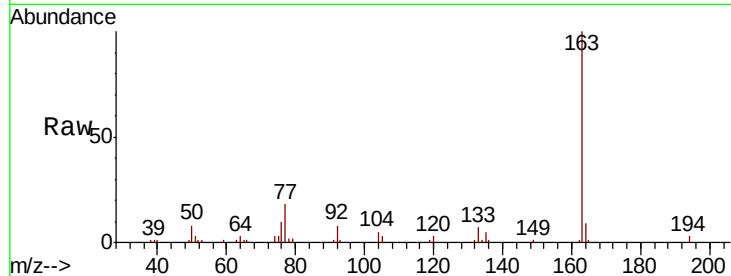




#50
Dimethylphthalate
Concen: 3.813 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110236.D
Acq: 27 Oct 2018 3:17

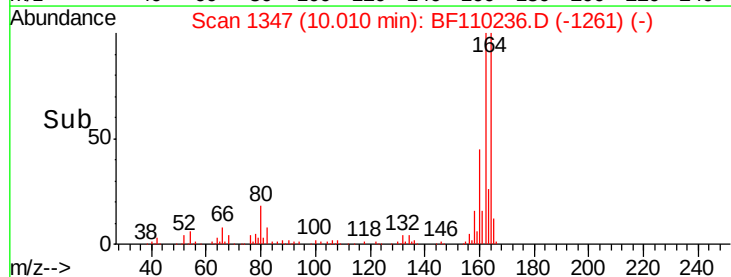
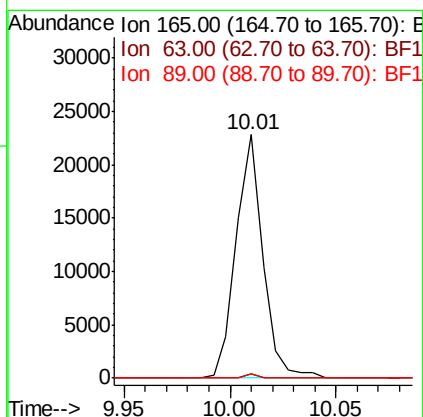
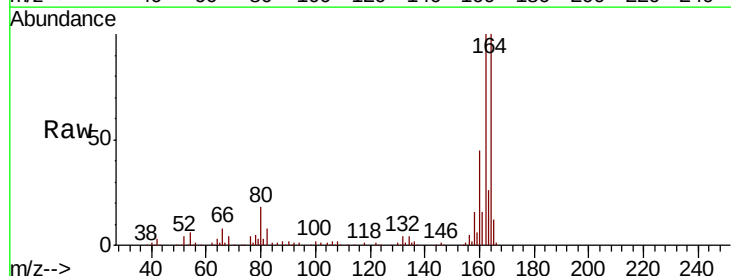
Instrument :
BNA_F
ClientSampleId :

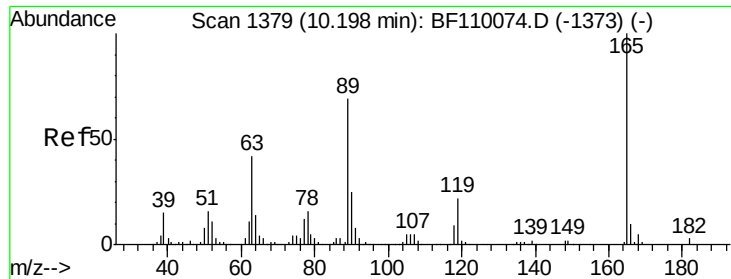
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.2	4.8
164	9.1	8.1	12.1



#51
2,6-Dinitrotoluene
Concen: 7.454 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110236.D
Acq: 27 Oct 2018 3:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	48.9	73.3#
89	1.5	46.6	69.8#

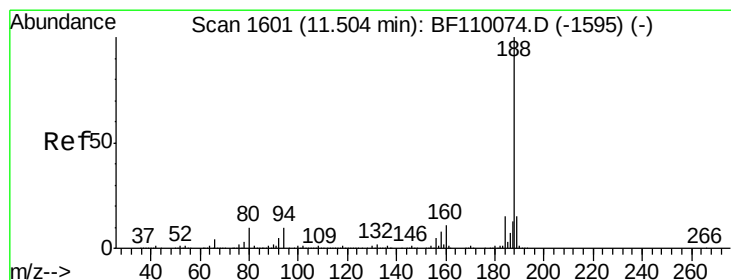
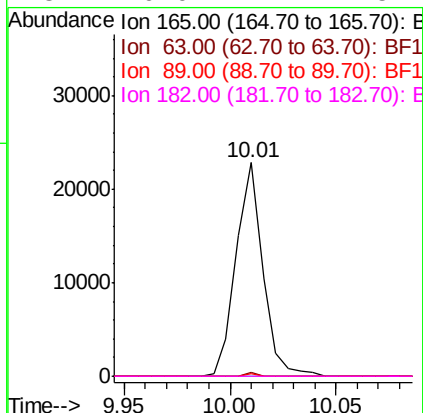
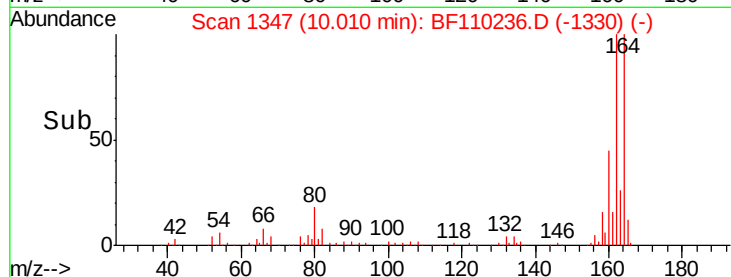
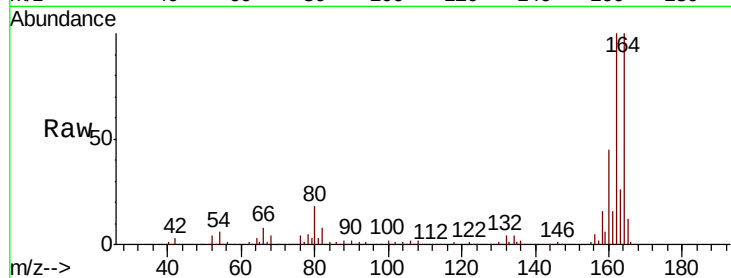




#57
2,4-Dinitrotoluene
Concen: 5.868 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110236.D
Acq: 27 Oct 2018 3:17

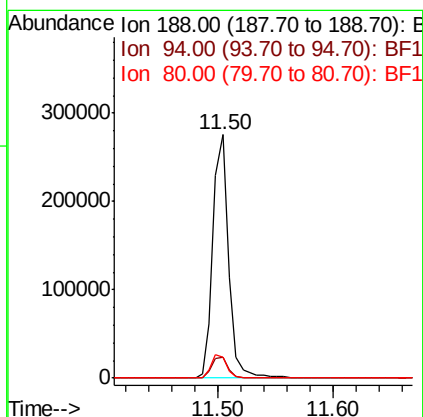
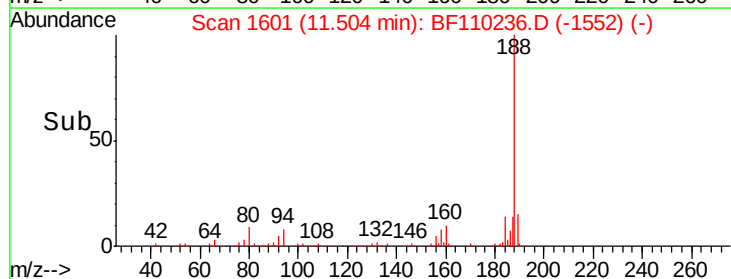
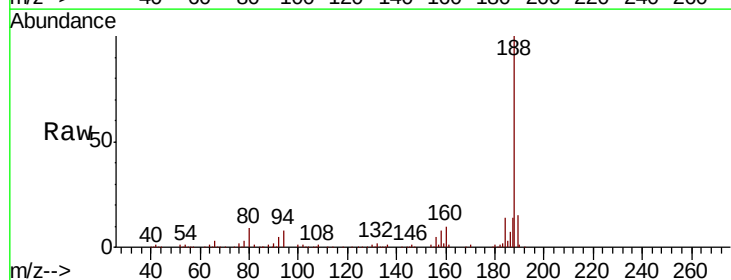
Instrument :
BNA_F
ClientSampleId :

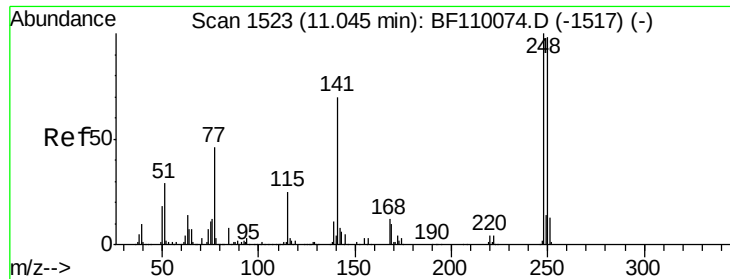
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.8	67.2#
89	1.5	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110236.D
Acq: 27 Oct 2018 3:17

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.2	10.8
80	8.7	7.9	11.9

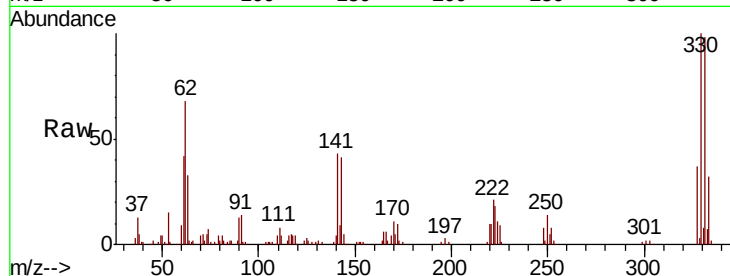




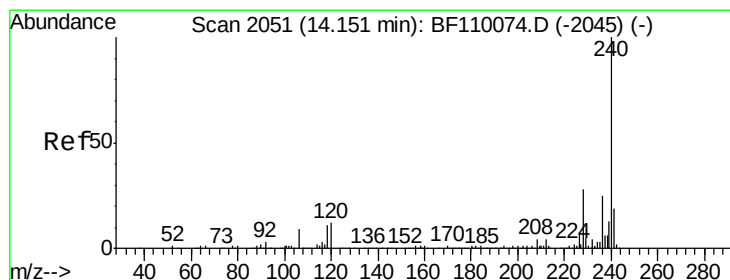
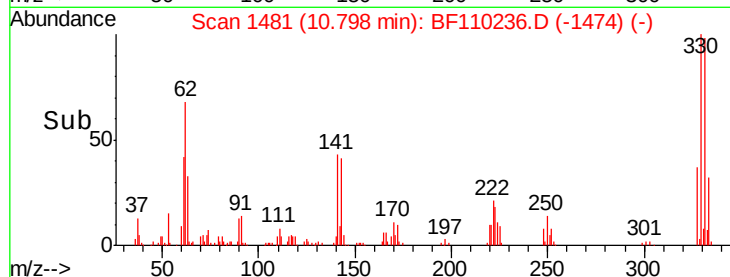
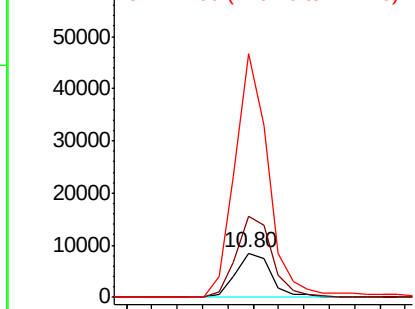
#67
4-Bromophenyl-phenylether
Concen: 2.909 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110236.D
Acq: 27 Oct 2018 3:17

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8226
Ion Ratio Lower Upper
248 100
250 184.1 79.4 119.2#
141 550.3 55.9 83.9#

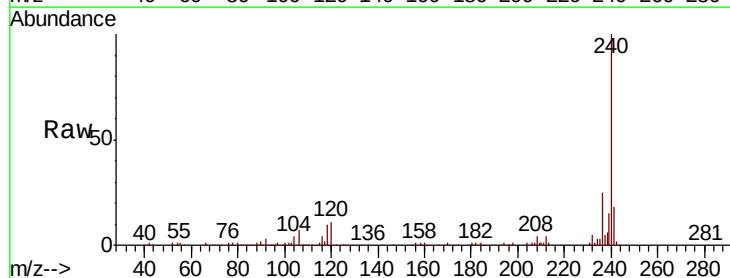


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

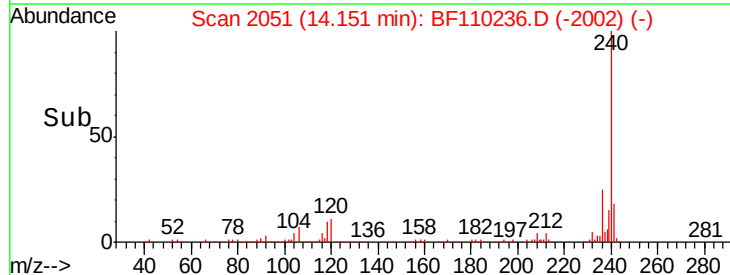
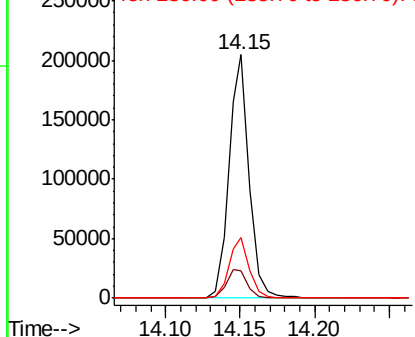


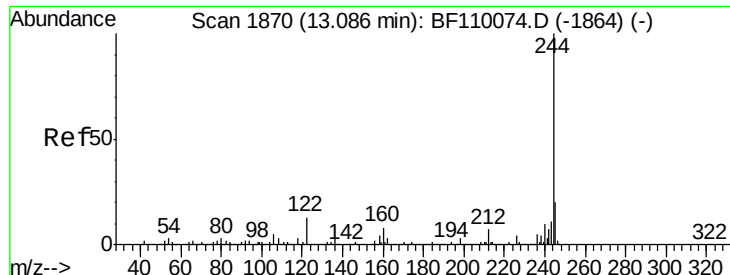
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110236.D
Acq: 27 Oct 2018 3:17

Tgt Ion:240 Resp: 193842
Ion Ratio Lower Upper
240 100
120 11.1 8.3 12.5
236 24.7 21.2 31.8



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

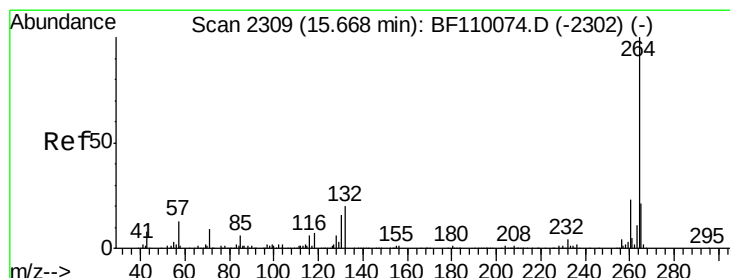
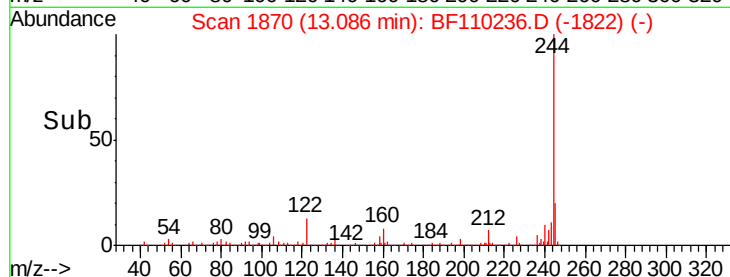
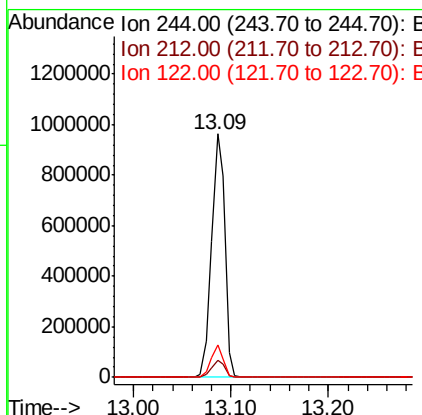
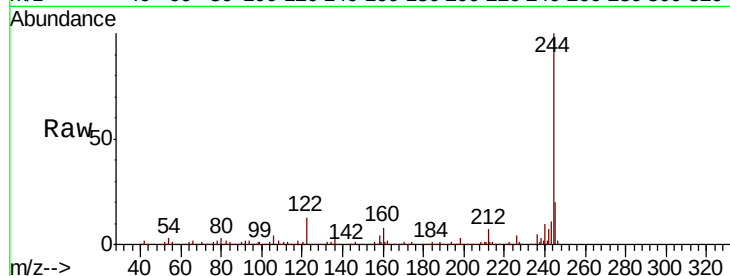




#79
 Terphenyl-d14
 Concen: 97.331 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110236.D
 Acq: 27 Oct 2018 3:17

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	13.2	8.7	13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2311
 Delta R.T. -0.01 min
 Lab File: BF110236.D
 Acq: 27 Oct 2018 3:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	22.1	16.7	25.1

