

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF103118\
 Data File : BF110346.D
 Acq On : 31 Oct 2018 21:22
 Operator : JU/SJ
 Sample : J5730-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 03:44:36 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 31 14:18:16 2018
 Response via : Initial Calibration

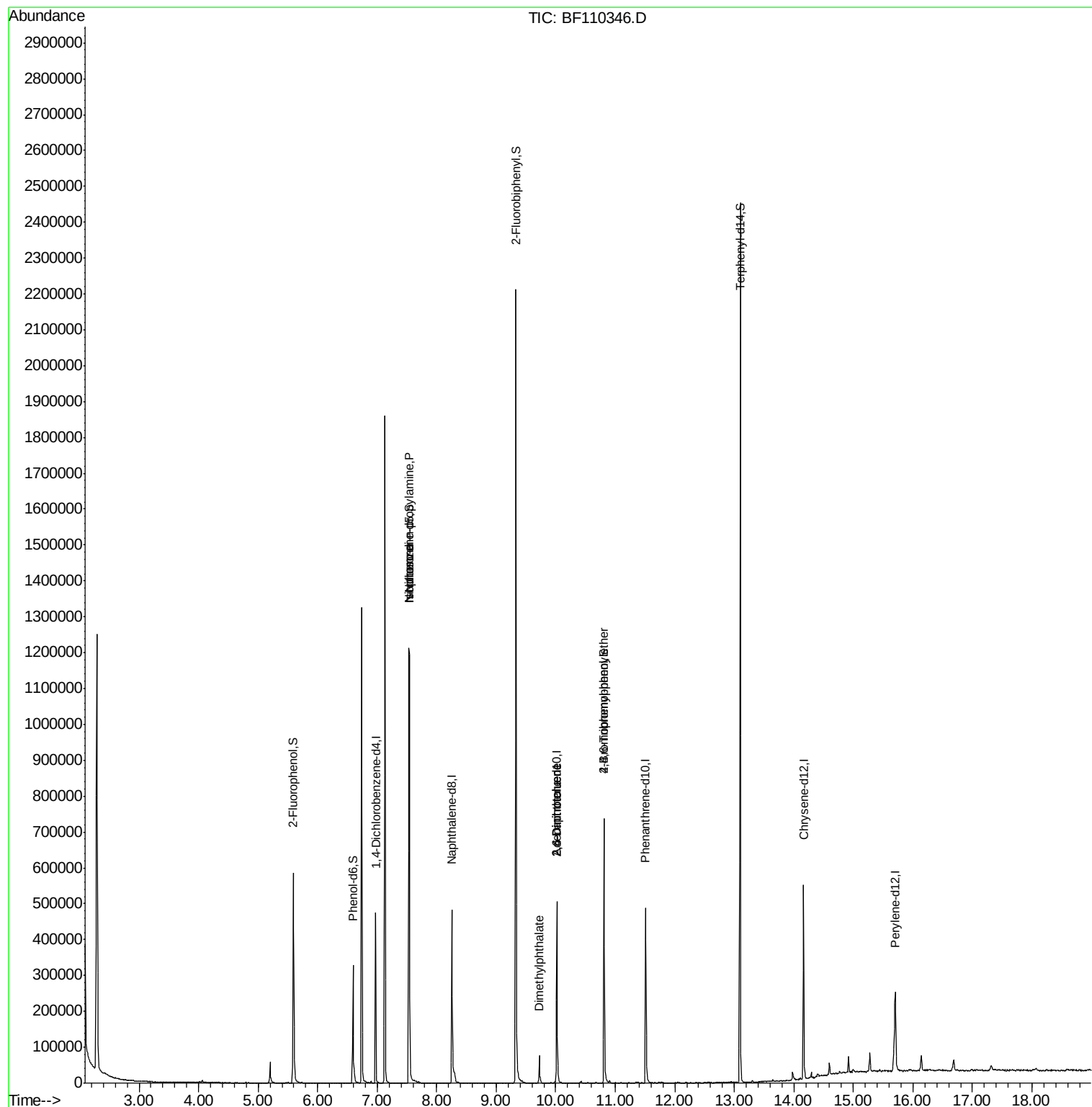
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	71512	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	260574	20.00	ng	0.00
39) Acenaphthene-d10	10.02	164	107393	20.00	ng	0.00
64) Phenanthrene-d10	11.51	188	200405	20.00	ng	0.00
76) Chrysene-d12	14.16	240	187939	20.00	ng	0.00
87) Perylene-d12	15.70	264	116870	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	171568	39.07	ng	0.00
7) Phenol-d6	6.59	99	124259	22.12	ng	-0.01
23) Nitrobenzene-d5	7.53	82	450565	102.56	ng	0.00
42) 2,4,6-Tribromophenol	10.81	330	92627	87.07	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	782084	114.35	ng	0.00
79) Terphenyl-d14	13.10	244	765435	84.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	59344	16.468	ng	# 81
25) Isophorone	7.53	82	450562	60.166	ng	# 67
50) Dimethylphthalate	9.72	163	41534	5.239	ng	98
51) 2,6-Dinitrotoluene	10.02	165	13238	7.752	ng	# 21
57) 2,4-Dinitrotoluene	10.02	165	13238	6.103	ng	# 17
67) 4-Bromophenyl-phenylether	10.81	248	5855	2.693	ng	# 1

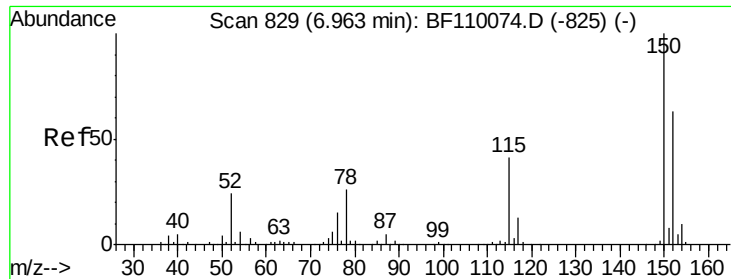
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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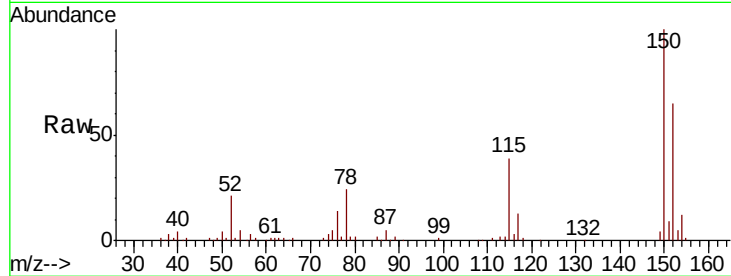


#1

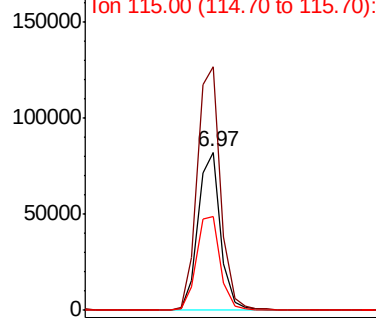
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF110346.D
Acq: 31 Oct 2018 21:22

Instrument :
BNA_F
ClientSampleId :

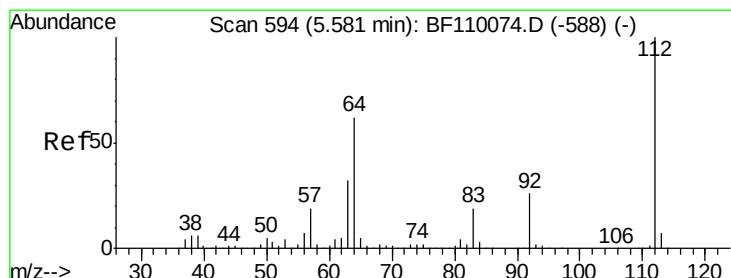
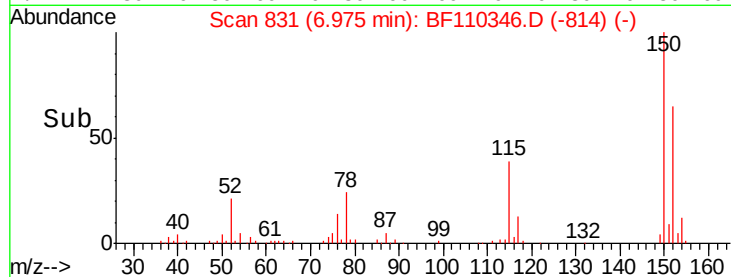
Tot Ion:152 Resp: 71512
Ion Ratio Lower Upper
152 100
150 153.8 122.7 184.1
115 59.6 49.1 73.7



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



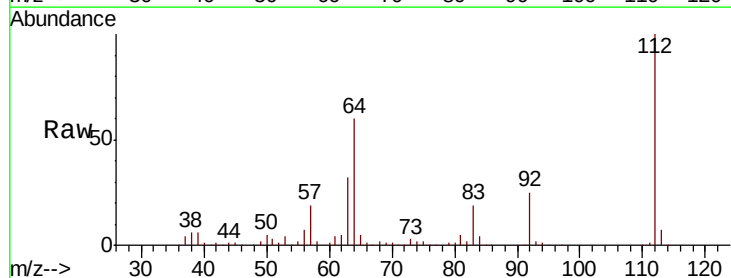
Time-->



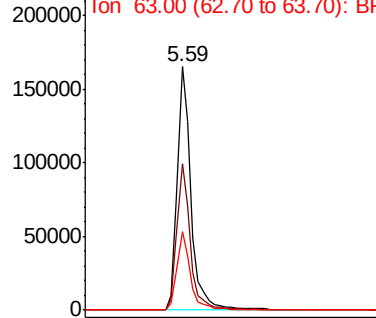
#5

2-Fluorophenol
Concen: 39.069 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.00 min
Lab File: BF110346.D
Acq: 31 Oct 2018 21:22

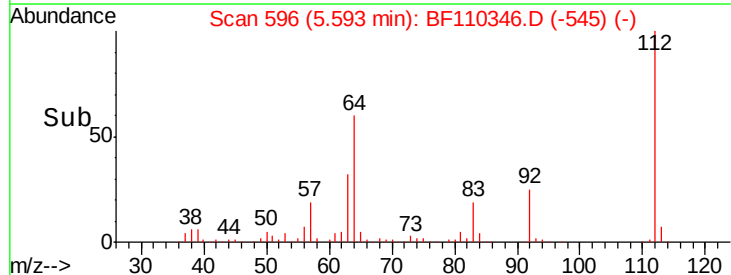
Tgt Ion:112 Resp: 171568
Ion Ratio Lower Upper
112 100
64 60.0 44.1 66.1
63 32.1 23.7 35.5

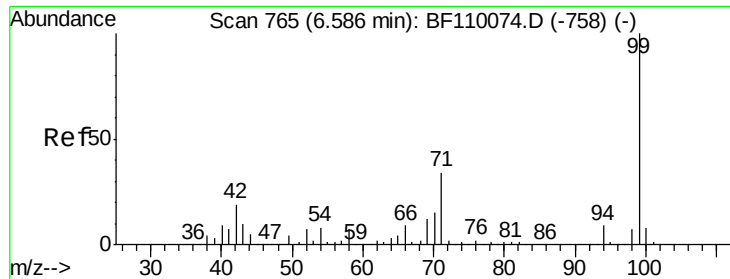


Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



Time-->





#7

Phenol-d6

Concen: 22.122 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110346.D

Acq: 31 Oct 2018 21:22

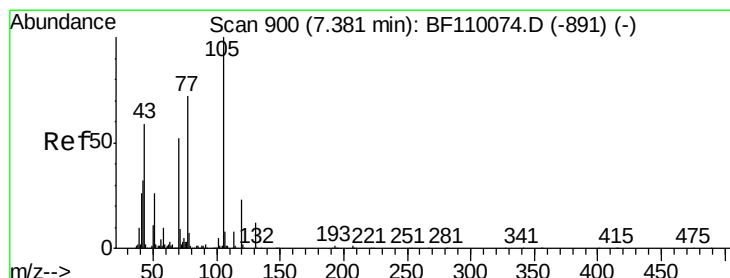
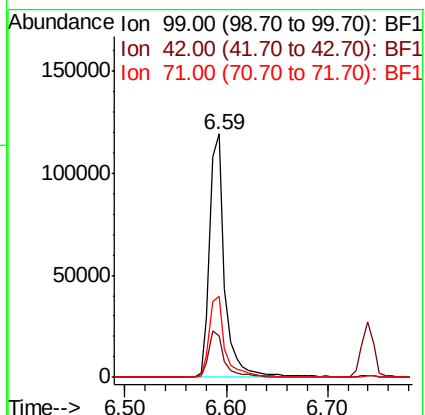
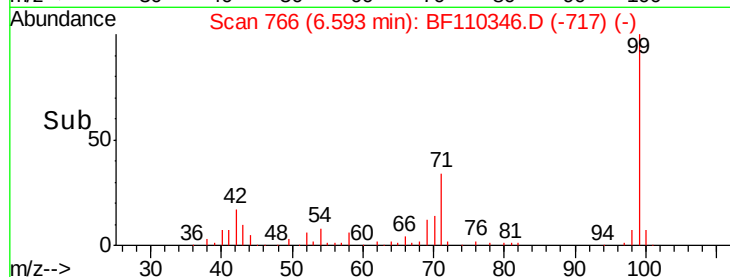
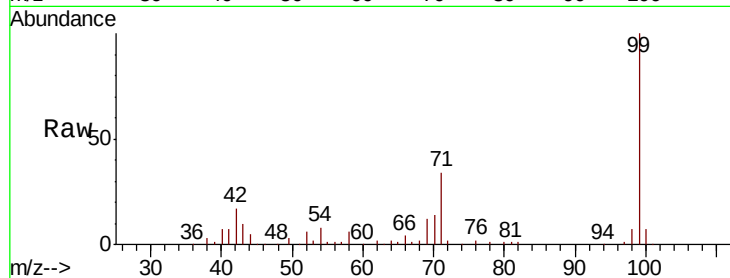
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 124259

Ion	Ratio	Lower	Upper
99	100		
42	17.0	15.8	23.6
71	33.5	28.0	42.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.468 ng

RT: 7.53 min Scan# 926

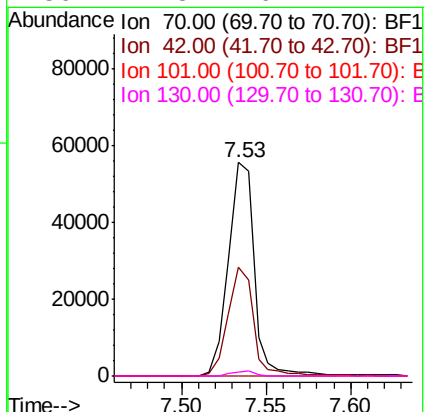
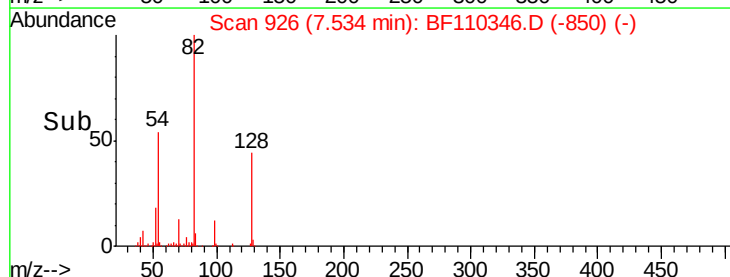
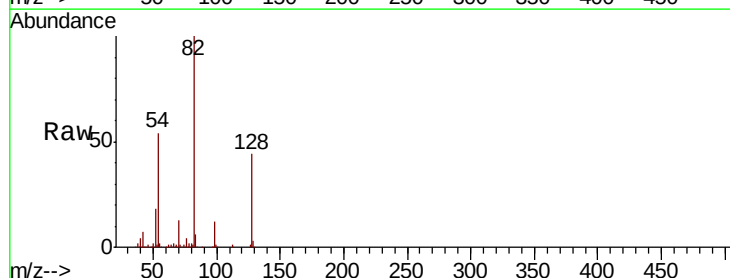
Delta R.T. 0.15 min

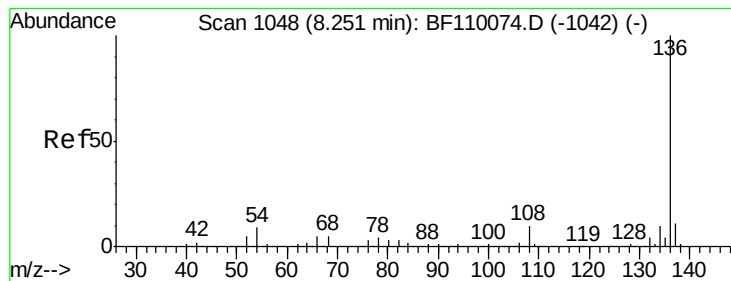
Lab File: BF110346.D

Acq: 31 Oct 2018 21:22

Tgt Ion: 70 Resp: 59344

Ion	Ratio	Lower	Upper
70	100		
42	50.7	47.4	71.2
101	0.0	7.3	10.9#
130	1.8	16.2	24.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.26 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF110346.D

Acq: 31 Oct 2018 21:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 260574

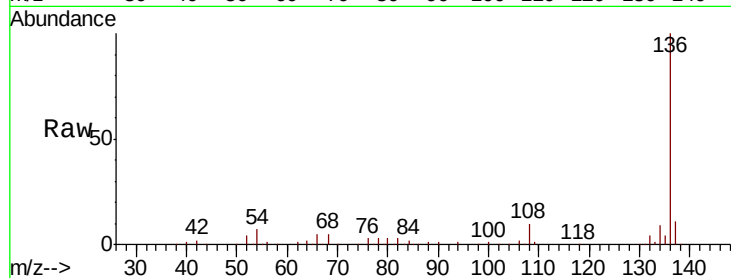
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.3 5.4 8.2

68 4.8 4.2 6.2

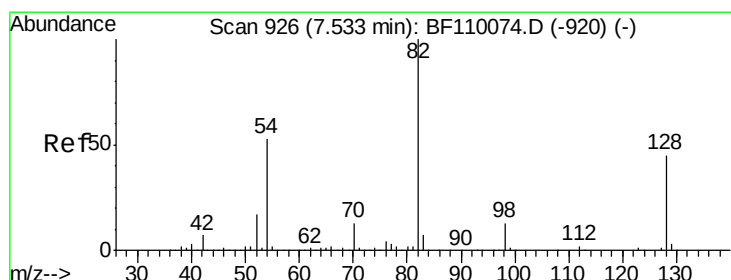
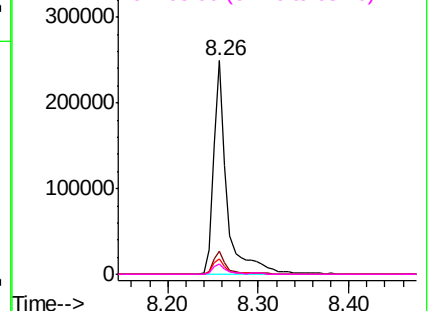
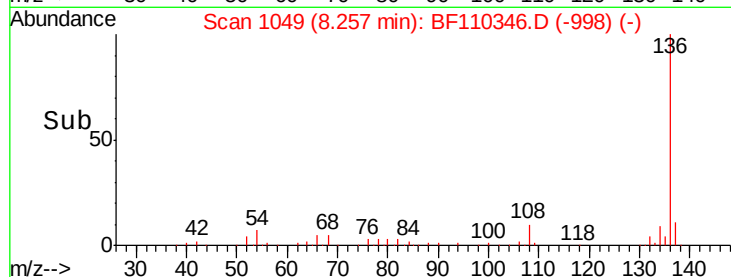


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.560 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF110346.D

Acq: 31 Oct 2018 21:22

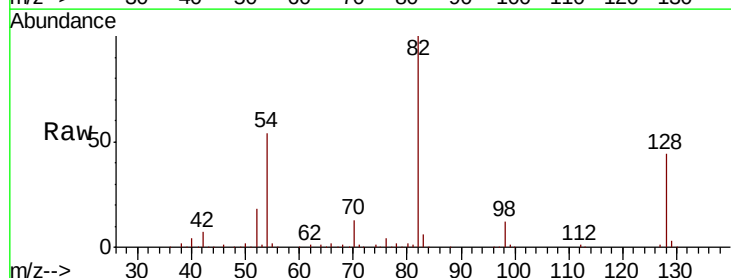
Tgt Ion: 82 Resp: 450565

Ion Ratio Lower Upper

82 100

128 44.1 34.2 51.2

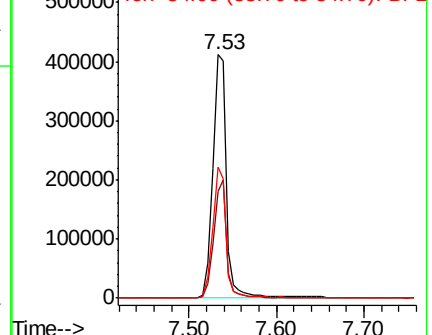
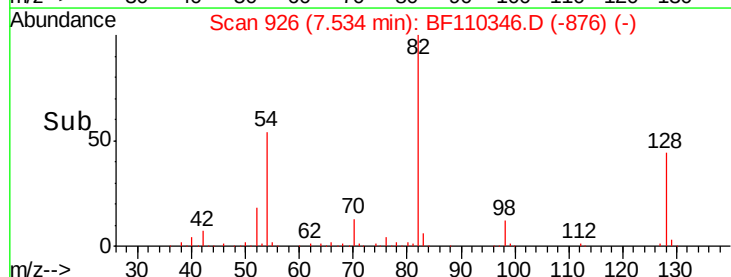
54 53.9 38.6 58.0

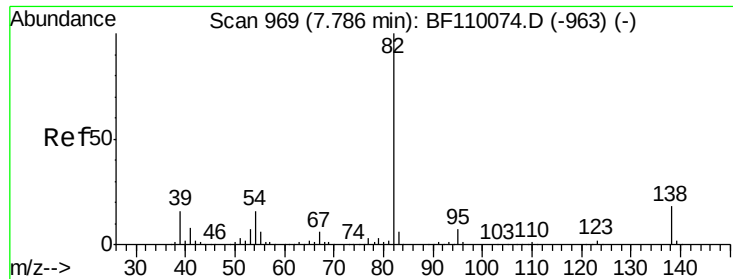


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 60.166 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.26 min

Lab File: BF110346.D

Acq: 31 Oct 2018 21:22

Instrument :

BNA_F

ClientSampled :

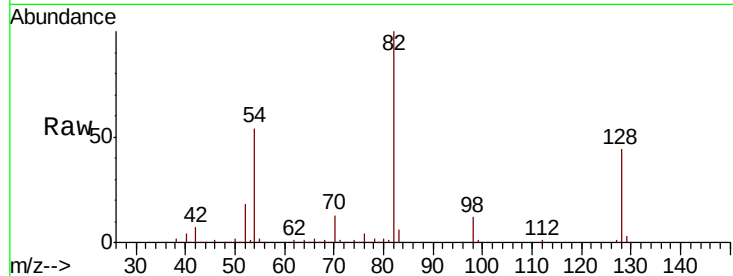
Tot Ion: 82 Resp: 450562

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

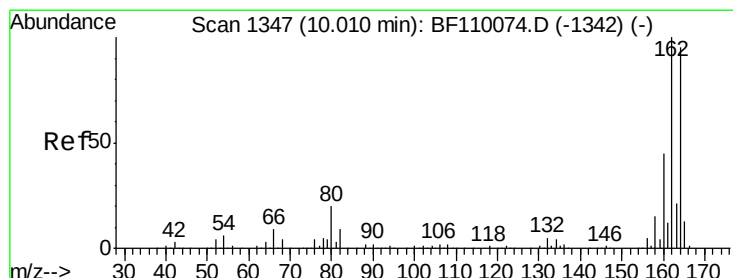
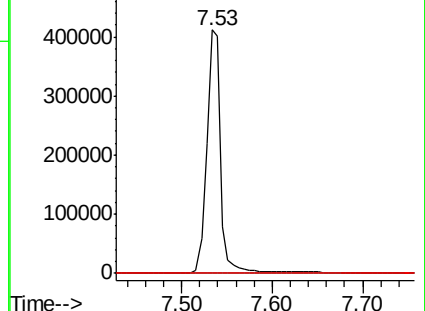
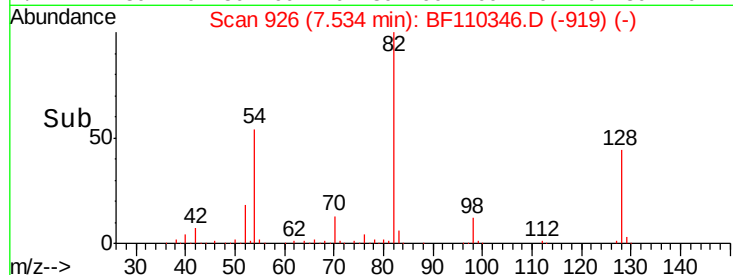
138 0.0 13.2 19.8#



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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF110346.D

Acq: 31 Oct 2018 21:22

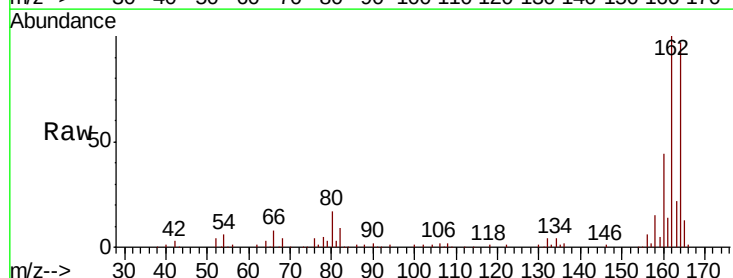
Tgt Ion: 164 Resp: 107393

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

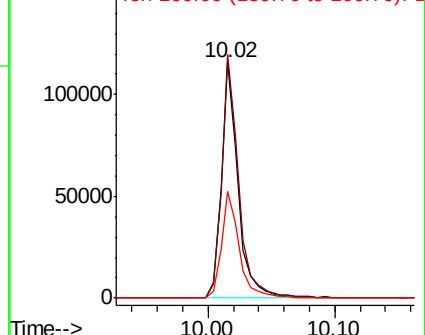
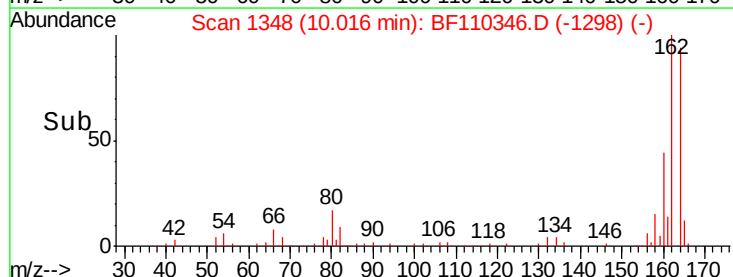
160 45.0 37.0 55.6

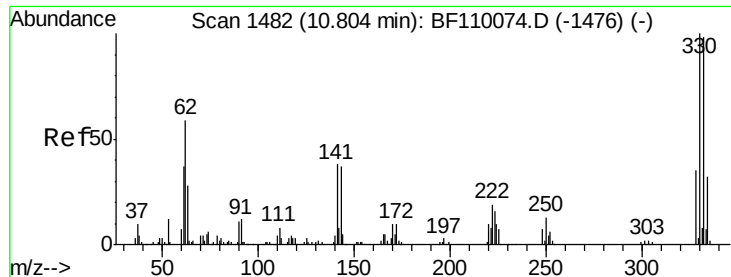


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

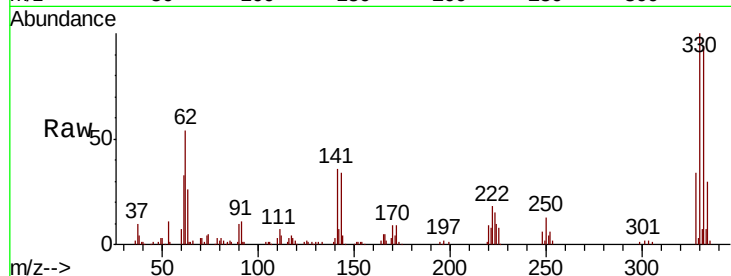




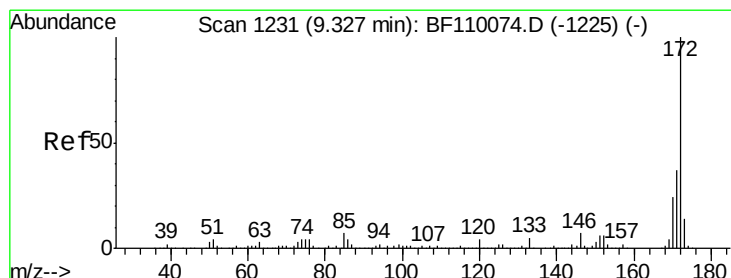
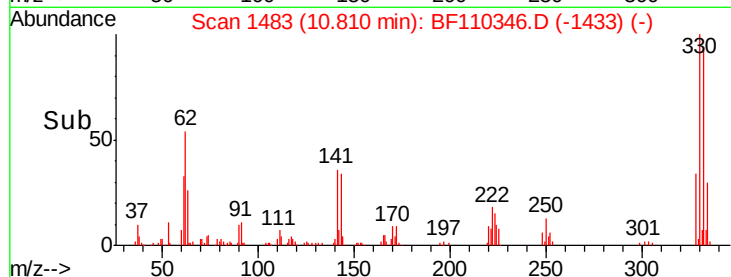
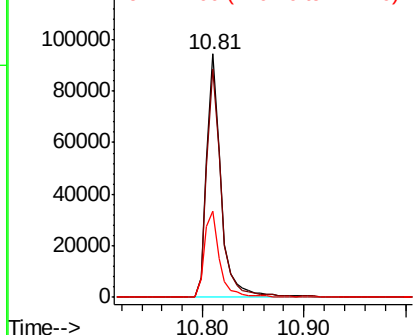
#42
 2,4,6-Tribromophenol
 Concen: 87.072 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BF110346.D
 Acq: 31 Oct 2018 21:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 92627
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.1 115.7
 141 38.1 27.0 40.4

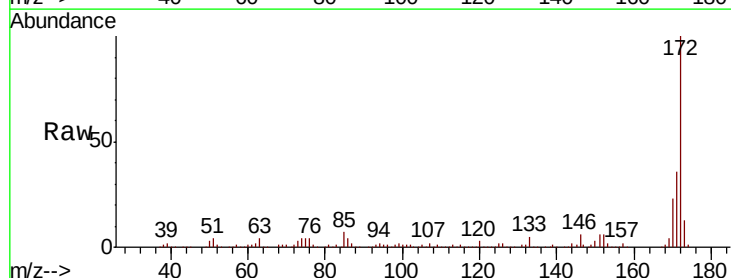


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

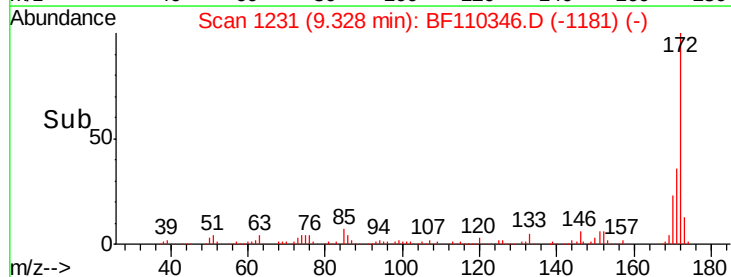
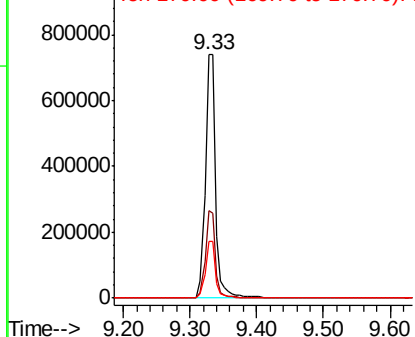


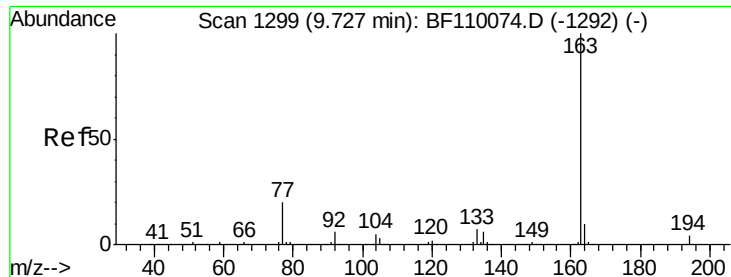
#45
 2-Fluorobiphenyl
 Concen: 114.353 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110346.D
 Acq: 31 Oct 2018 21:22

Tgt Ion:172 Resp: 782084
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.4 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: 5.239 ng

RT: 9.72 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF110346.D

Acq: 31 Oct 2018 21:22

Instrument :

BNA_F

ClientSampleId :

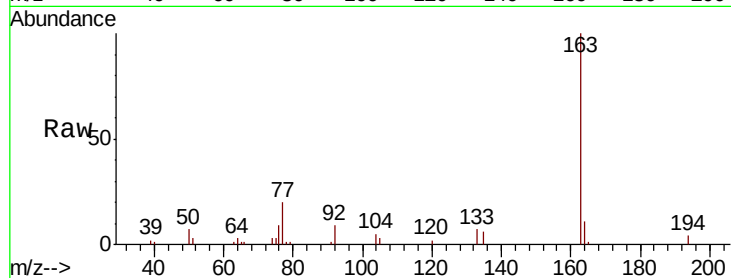
Tot Ion:163 Resp: 41534

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

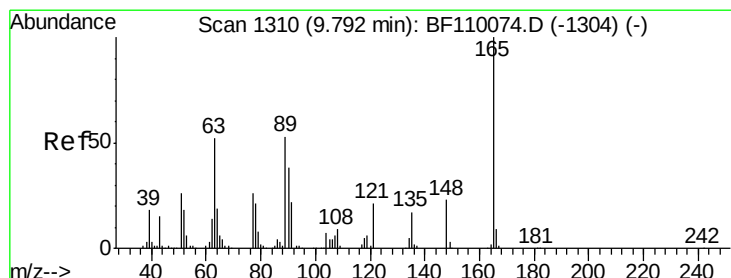
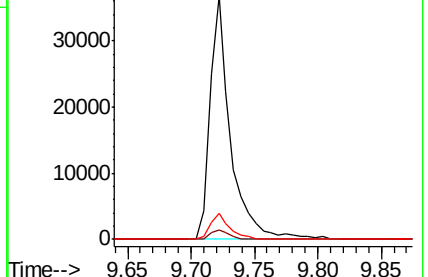
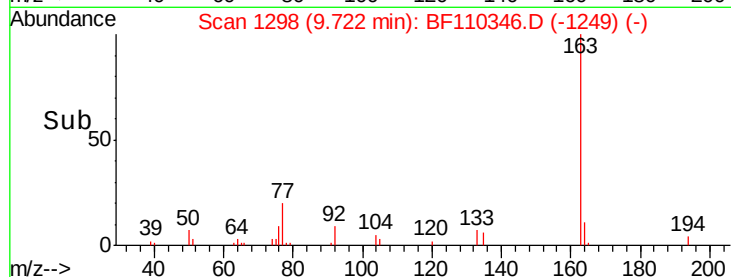
164 10.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

2,6-Dinitrotoluene

Concen: 7.752 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.21 min

Lab File: BF110346.D

Acq: 31 Oct 2018 21:22

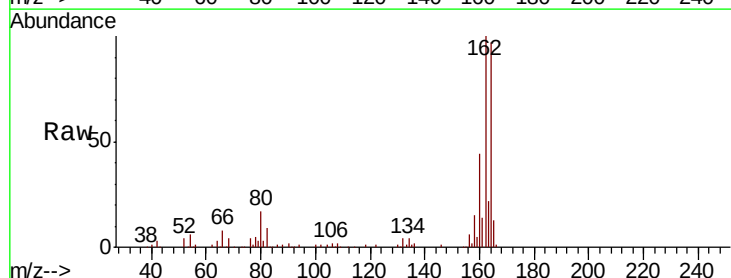
Tgt Ion:165 Resp: 13238

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

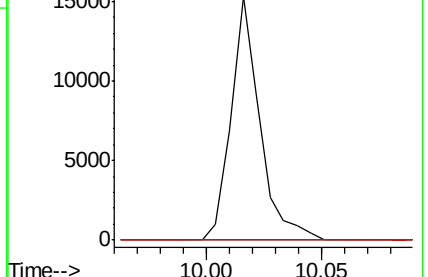
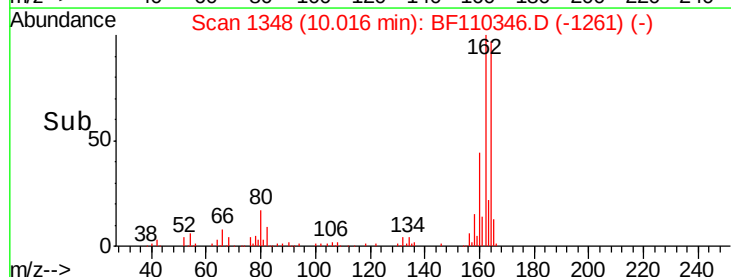
89 0.0 46.6 69.8#

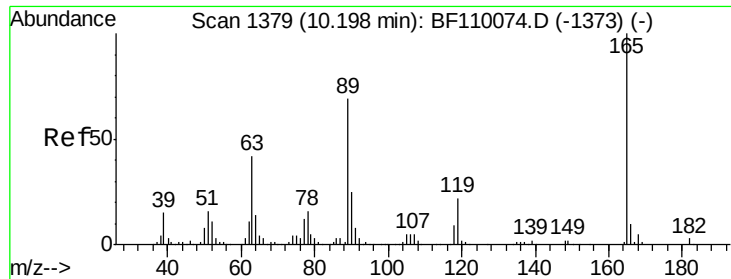


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

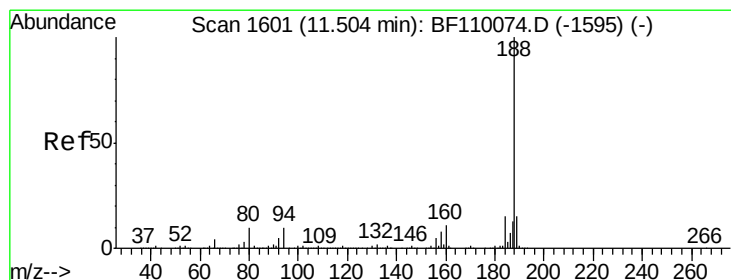
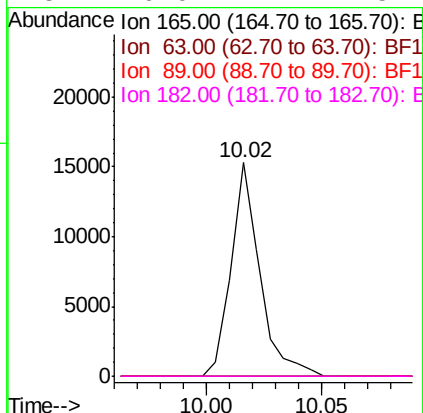
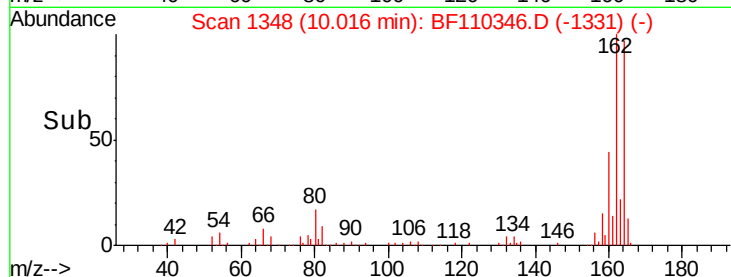
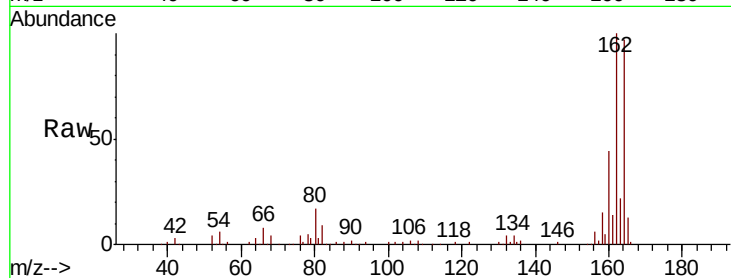




#57
 2,4-Dinitrotoluene
 Concen: 6.103 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.20 min
 Lab File: BF110346.D
 Acq: 31 Oct 2018 21:22

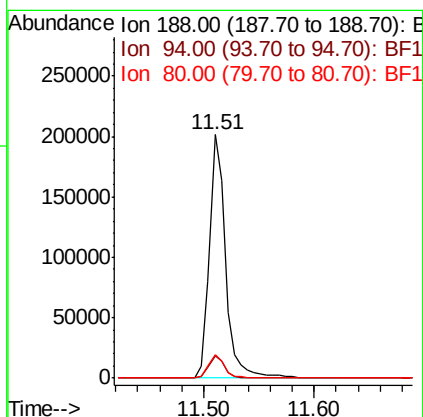
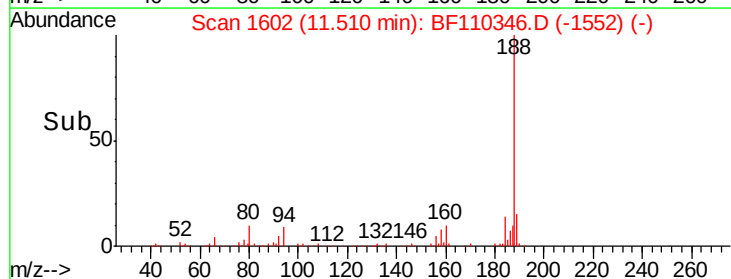
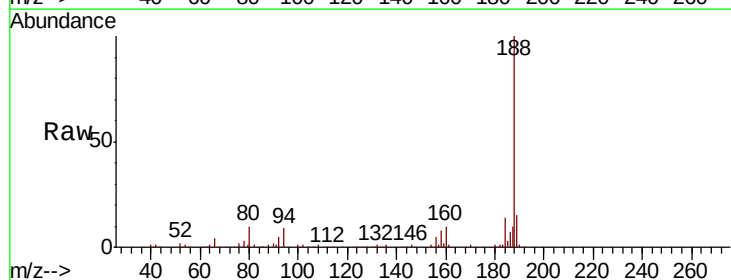
Instrument :
 BNA_F
 ClientSampleId :

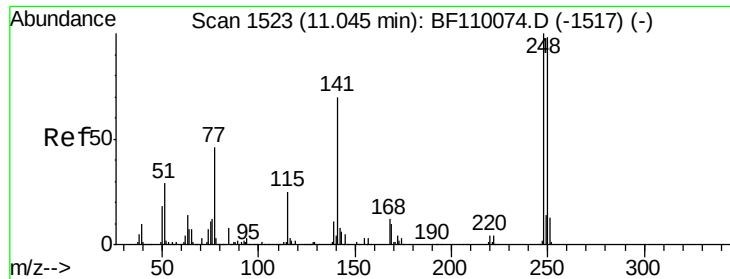
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. -0.01 min
 Lab File: BF110346.D
 Acq: 31 Oct 2018 21:22

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.7	7.9	11.9

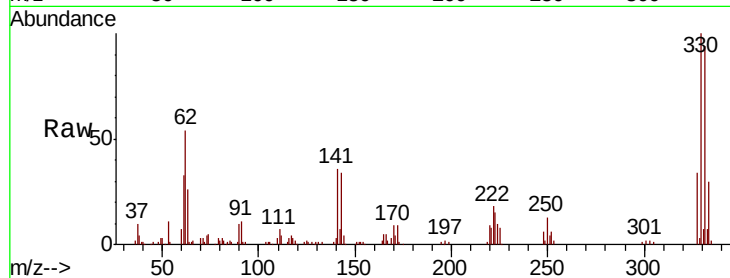




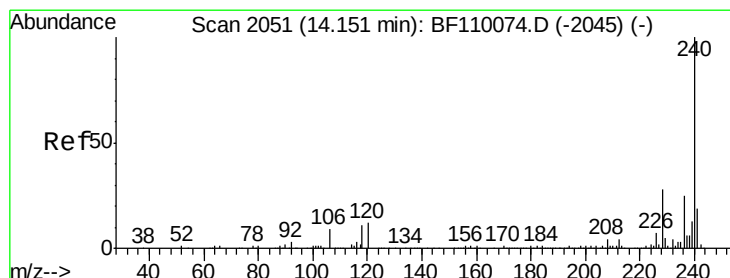
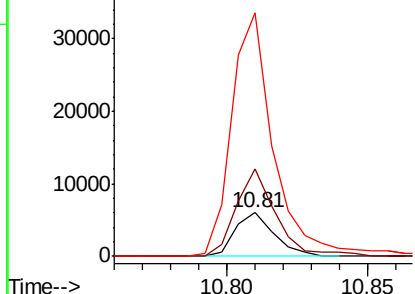
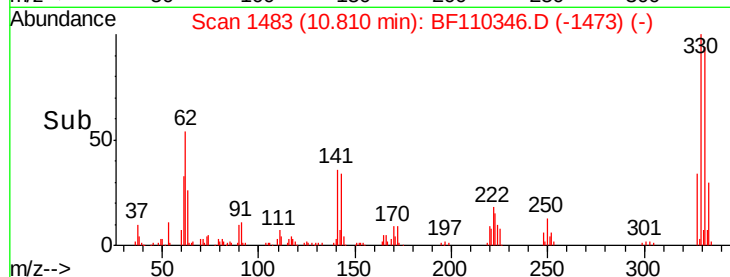
#67
4-Bromophenyl-phenylether
Concen: 2.693 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.24 min
Lab File: BF110346.D
Acq: 31 Oct 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5855
Ion Ratio Lower Upper
248 100
250 201.6 79.4 119.2#
141 558.1 55.9 83.9#

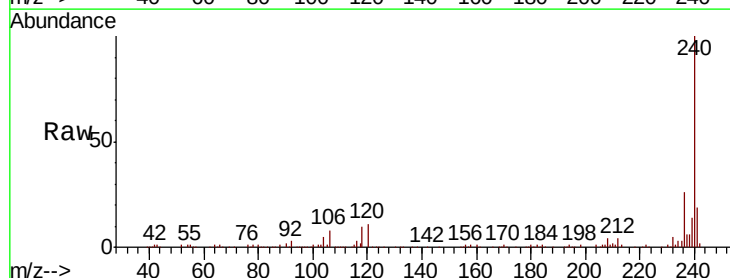


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

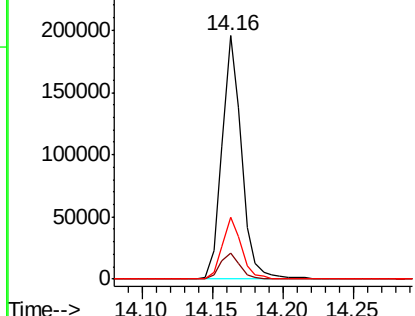
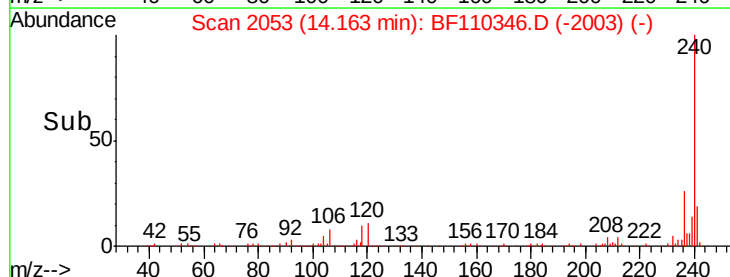


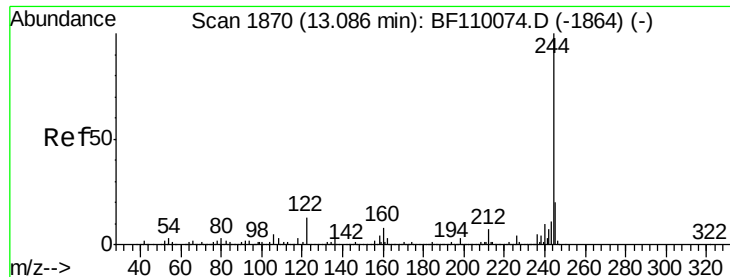
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BF110346.D
Acq: 31 Oct 2018 21:22

Tgt Ion:240 Resp: 187939
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 25.7 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: 84.702 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BF110346.D

Acq: 31 Oct 2018 21:22

Instrument :

BNA_F

ClientSampled :

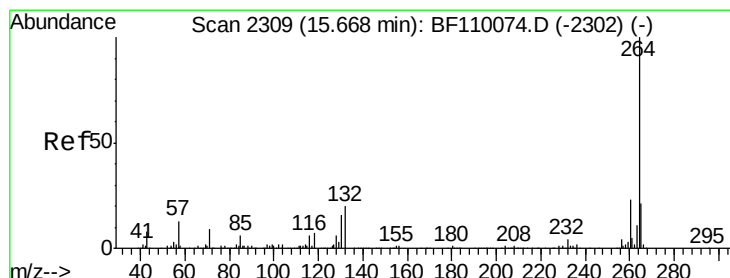
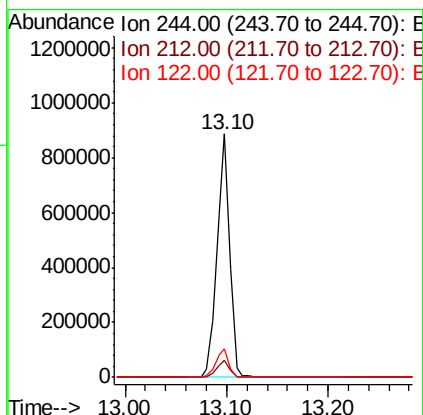
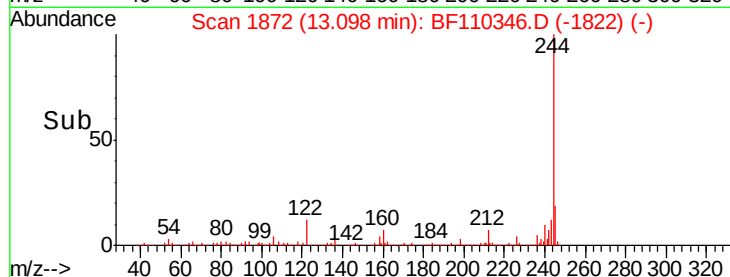
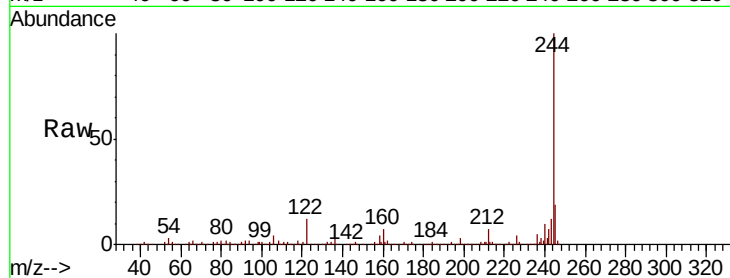
Tot Ion:244 Resp: 765435

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 11.8 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.70 min Scan# 2315

Delta R.T. 0.00 min

Lab File: BF110346.D

Acq: 31 Oct 2018 21:22

Tgt Ion:264 Resp: 116870

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 20.4 16.7 25.1

