

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
 Data File : BF110180.D
 Acq On : 26 Oct 2018 00:19
 Operator : JU/SJ
 Sample : J5610-11 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 06:39:34 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

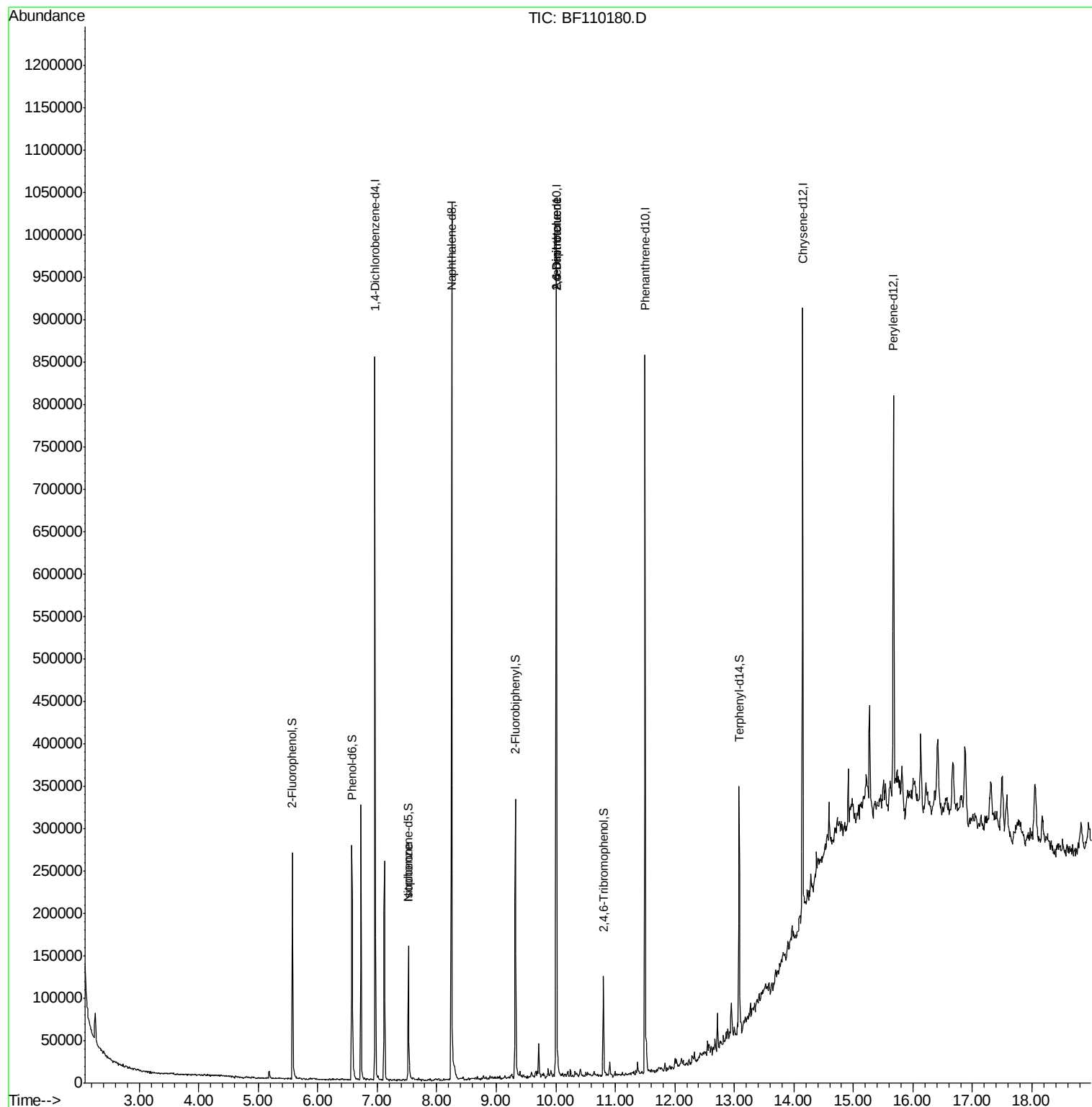
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	128542	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	492306	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	193065	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	313932	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	236375	20.00	ng	-0.02
87) Perylene-d12	15.67	264	171723	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	75898	9.62	ng	-0.02
7) Phenol-d6	6.57	99	95350	9.44	ng	-0.03
23) Nitrobenzene-d5	7.52	82	53368	6.43	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	13656	7.14	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	104571	8.51	ng	-0.02
79) Terphenyl-d14	13.08	244	83531	7.35	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.73	77	1990	Below Cal	Qvalue	# 67
25) Isophorone	7.52	82	53367	3.772 ng	#	67
51) 2,6-Dinitrotoluene	10.01	165	24970	8.134 ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	24970	6.404 ng	#	19

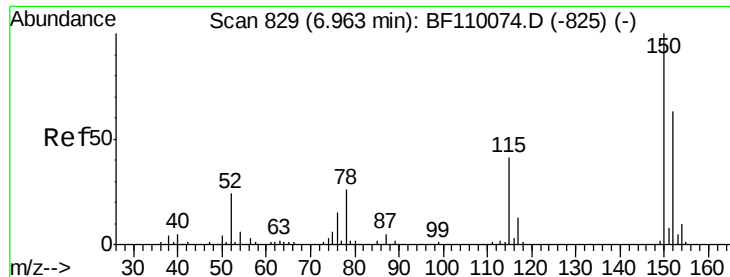
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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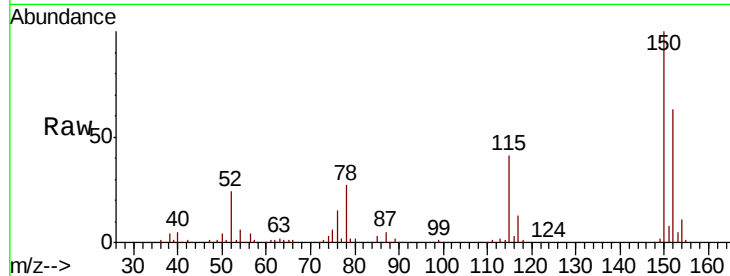


#1

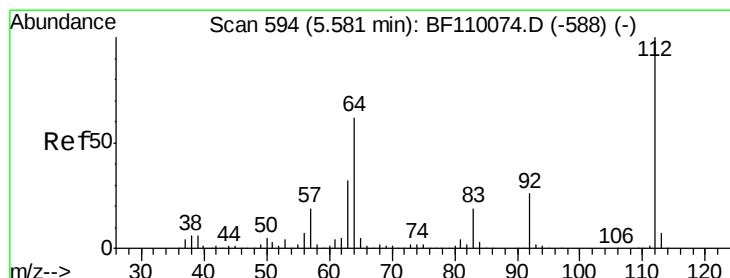
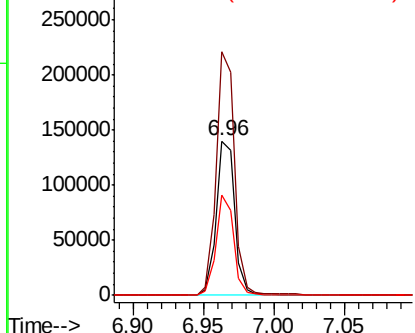
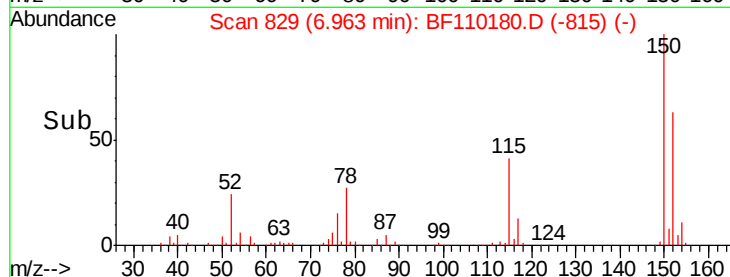
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110180.D
Acq: 26 Oct 2018 00:19

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 128542
Ion Ratio Lower Upper
152 100
150 157.5 122.7 184.1
115 64.8 49.1 73.7



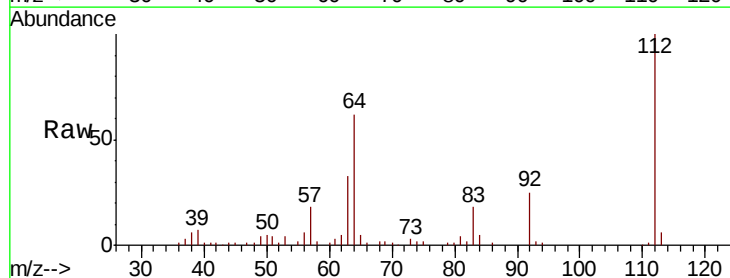
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



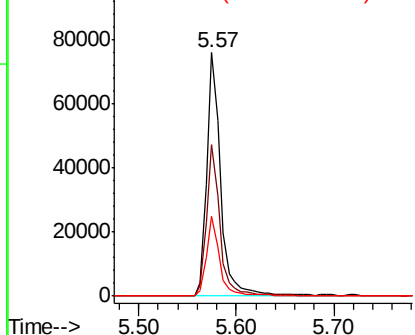
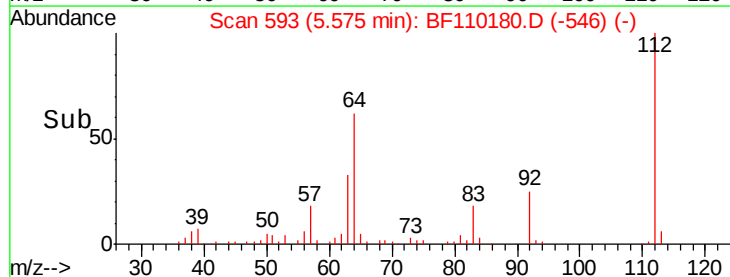
#5

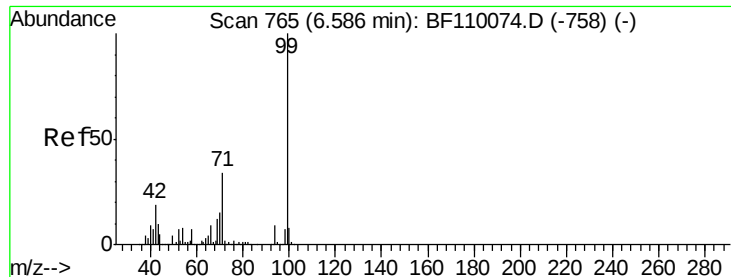
2-Fluorophenol
Concen: 9.615 ng
RT: 5.57 min Scan# 593
Delta R.T. -0.02 min
Lab File: BF110180.D
Acq: 26 Oct 2018 00:19

Tgt Ion:112 Resp: 75898
Ion Ratio Lower Upper
112 100
64 62.2 44.1 66.1
63 32.7 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: 9.444 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.03 min

Lab File: BF110180.D

Acq: 26 Oct 2018 00:19

Instrument :

BNA_F

ClientSampleId :

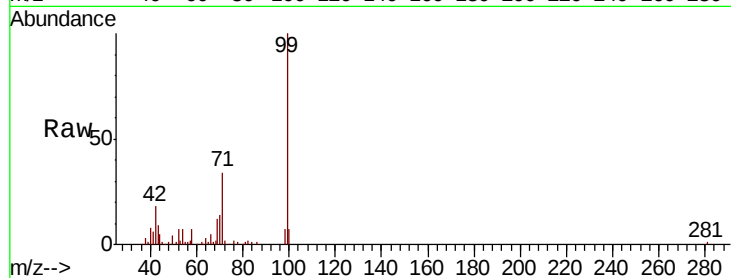
Tot Ion: 99 Resp: 95350

Ion Ratio Lower Upper

99 100

42 18.3 15.8 23.6

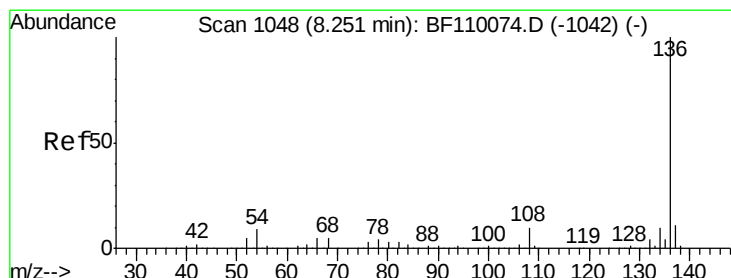
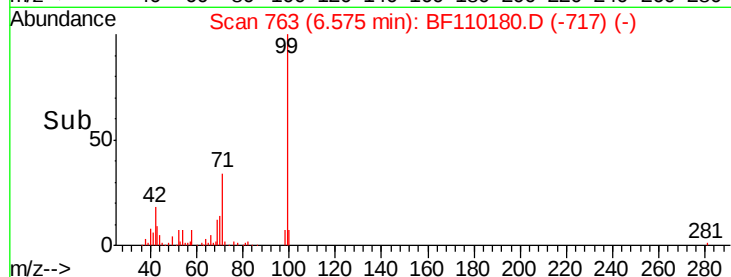
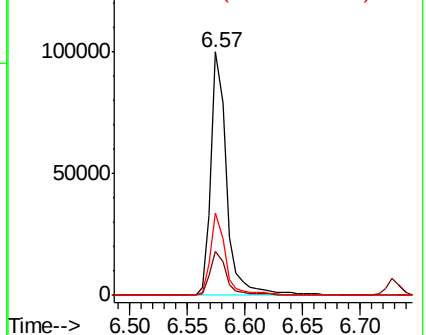
71 33.9 28.0 42.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110180.D

Acq: 26 Oct 2018 00:19

Tgt Ion: 136 Resp: 492306

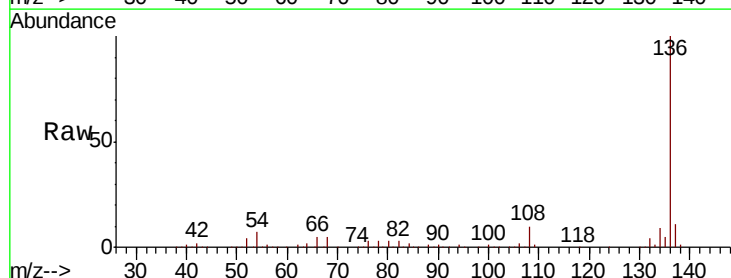
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 7.4 5.4 8.2

68 5.3 4.2 6.2

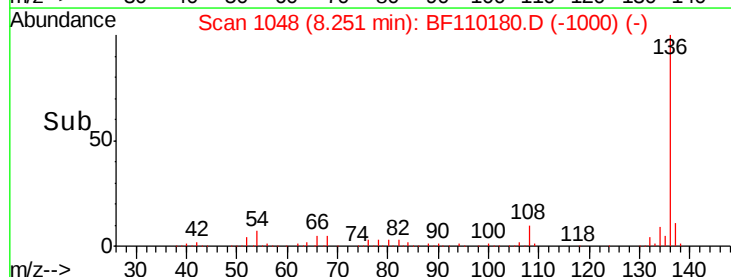
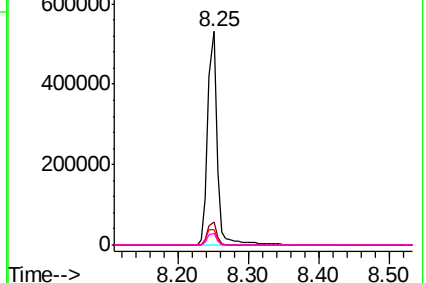


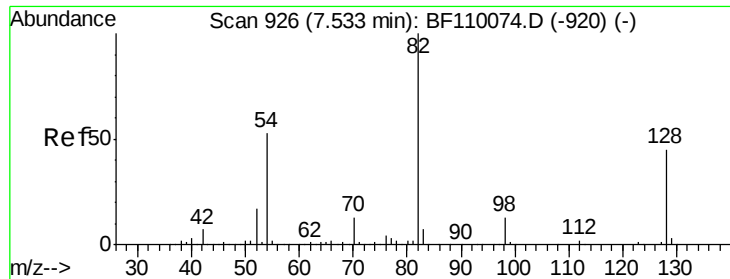
Abundance Ion 136.00 (135.70 to 136.70): E

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

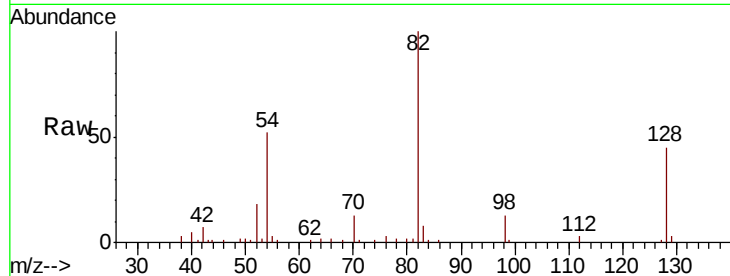




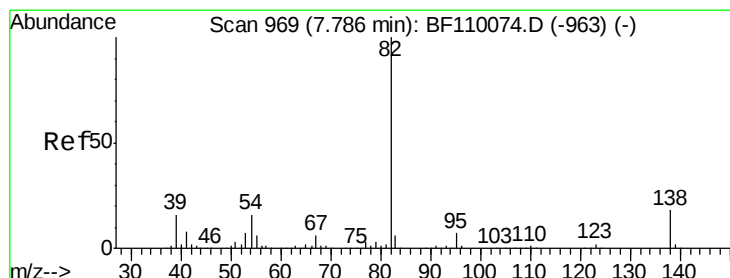
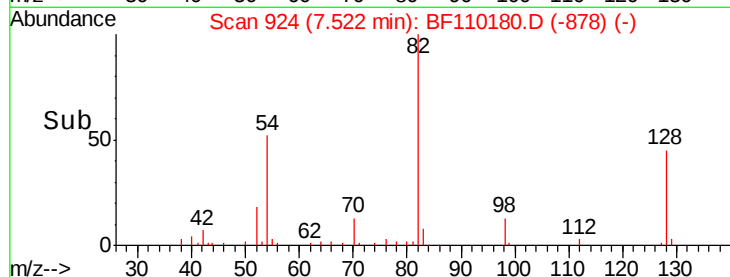
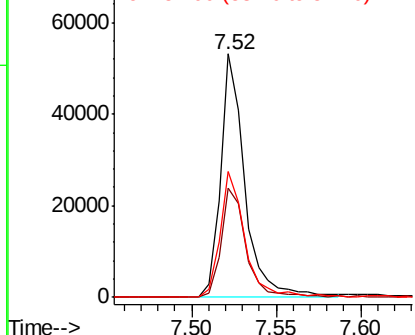
#23
Nitrobenzene-d5
Concen: 6.430 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF110180.D
Acq: 26 Oct 2018 00:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	53368
Ion Ratio	Lower	Upper	
82	100		
128	44.8	34.2	51.2
54	51.9	38.6	58.0

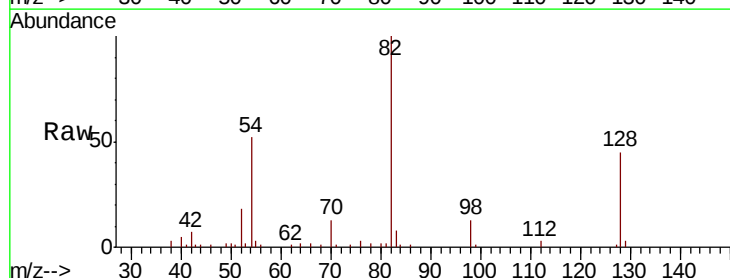


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

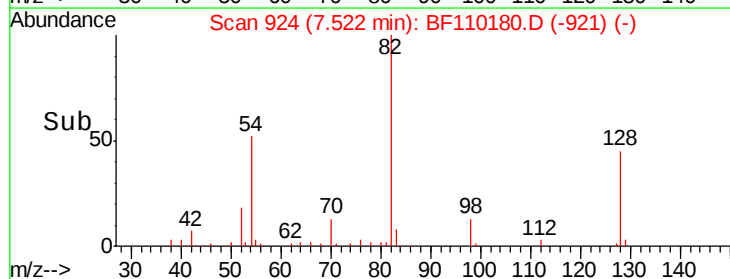
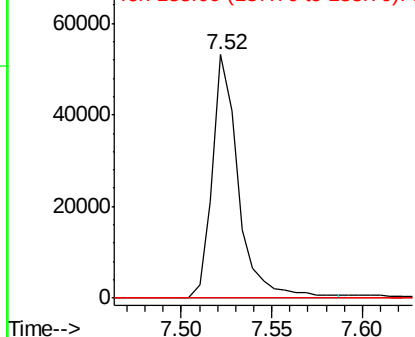


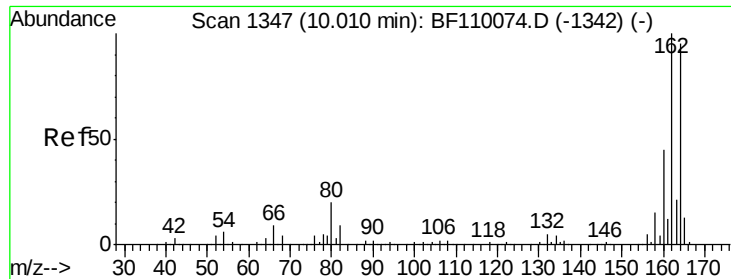
#25
Isophorone
Concen: 3.772 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.28 min
Lab File: BF110180.D
Acq: 26 Oct 2018 00:19

Tgt Ion	82	Resp	53367
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: BF110180.D

Acq: 26 Oct 2018 00:19

Instrument :

BNA_F

ClientSampleId :

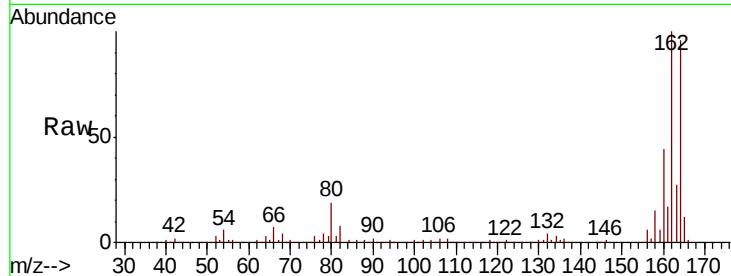
Tot Ion:164 Resp: 193065

Ion Ratio Lower Upper

164 100

162 104.5 83.0 124.6

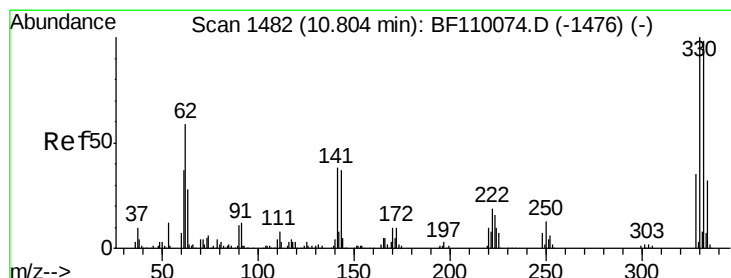
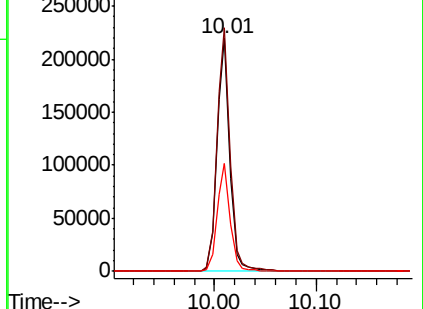
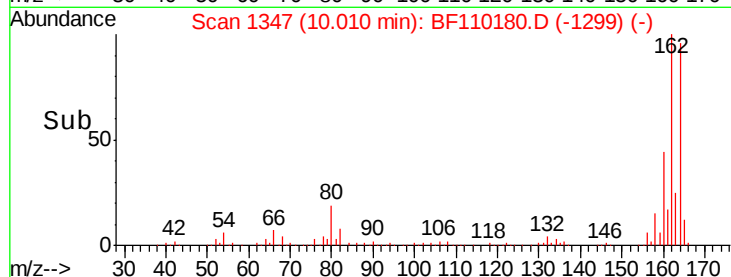
160 46.4 37.0 55.6



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: 7.141 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110180.D

Acq: 26 Oct 2018 00:19

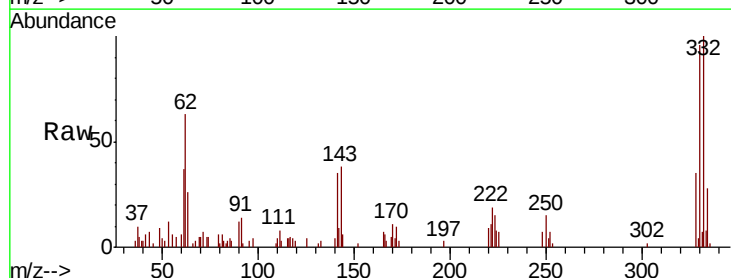
Tgt Ion:330 Resp: 13656

Ion Ratio Lower Upper

330 100

332 100.7 77.1 115.7

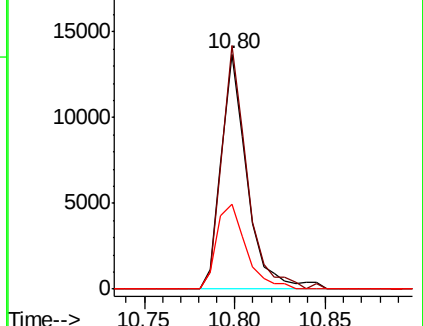
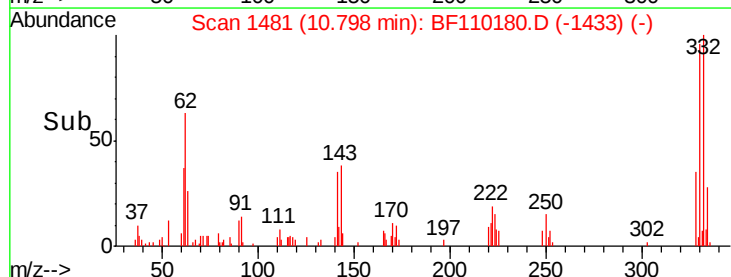
141 41.1 27.0 40.4#

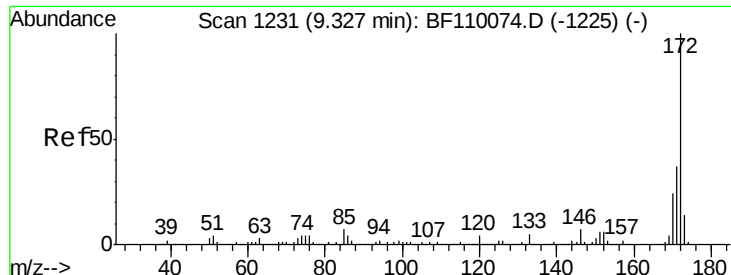


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

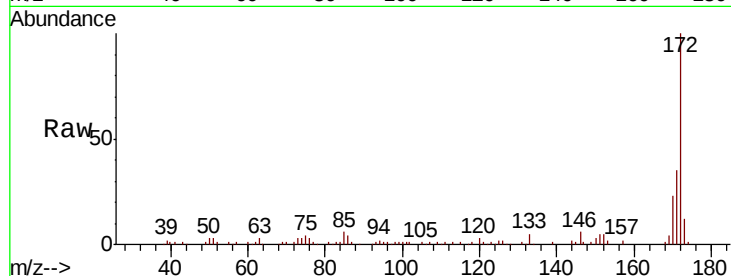




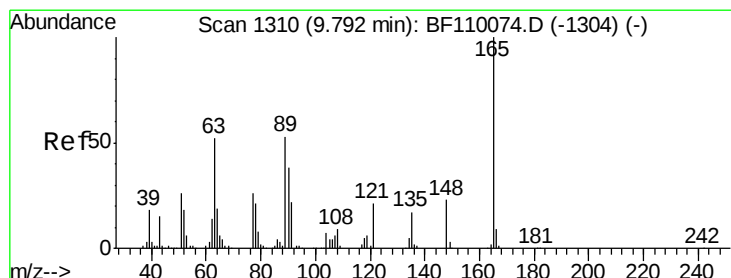
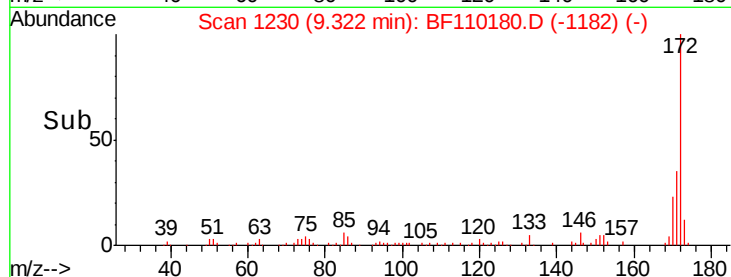
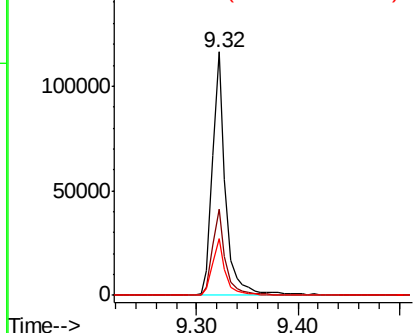
#45
 2-Fluorobiphenyl
 Concen: 8.505 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110180.D
 Acq: 26 Oct 2018 00:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 104571
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.1 19.7 29.5

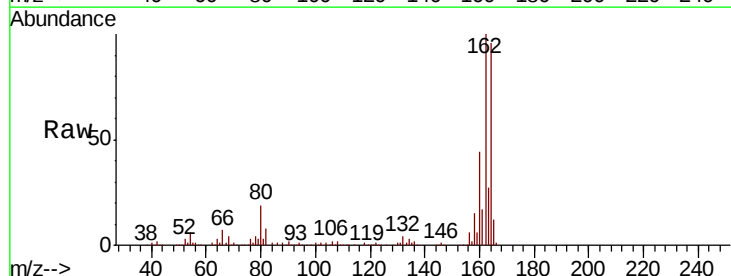


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

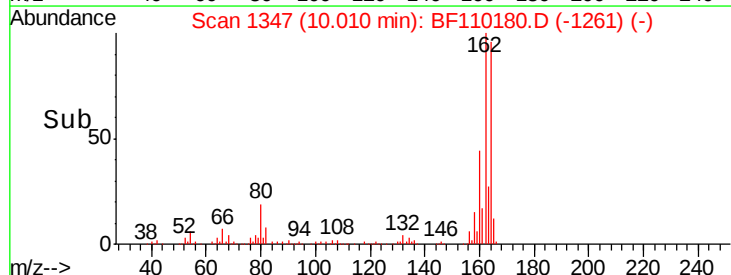
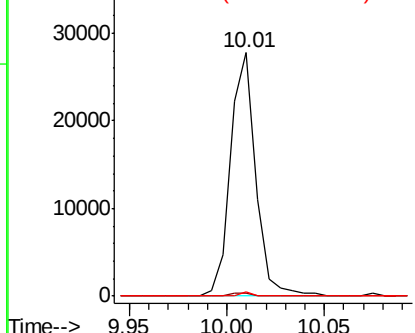


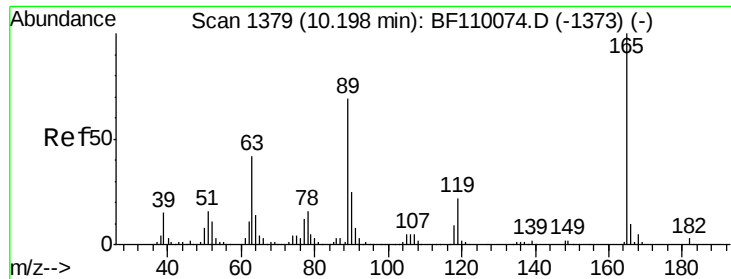
#51
 2,6-Dinitrotoluene
 Concen: 8.134 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.21 min
 Lab File: BF110180.D
 Acq: 26 Oct 2018 00:19

Tgt Ion:165 Resp: 24970
 Ion Ratio Lower Upper
 165 100
 63 1.4 48.9 73.3#
 89 2.0 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

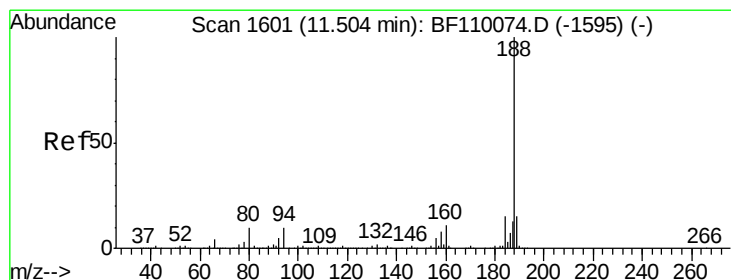
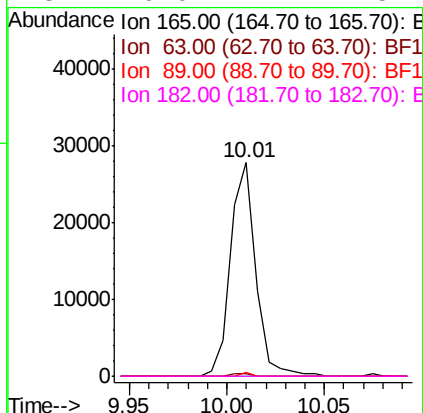
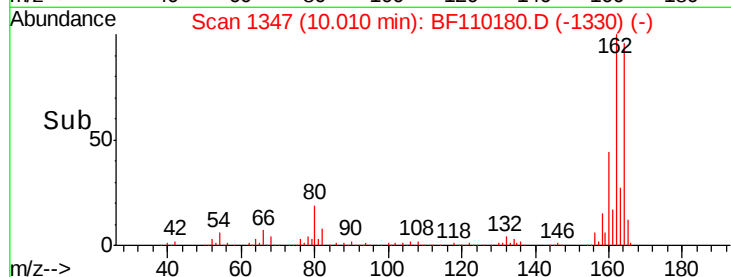
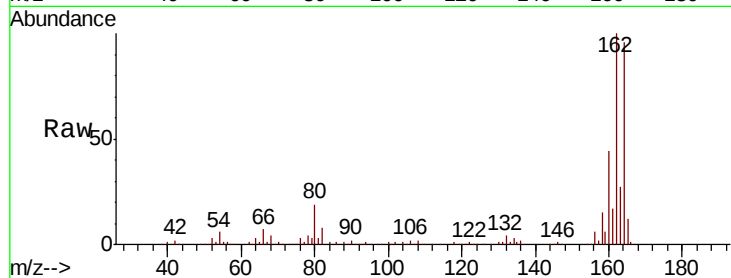




#57
 2,4-Dinitrotoluene
 Concen: 6.404 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.20 min
 Lab File: BF110180.D
 Acq: 26 Oct 2018 00:19

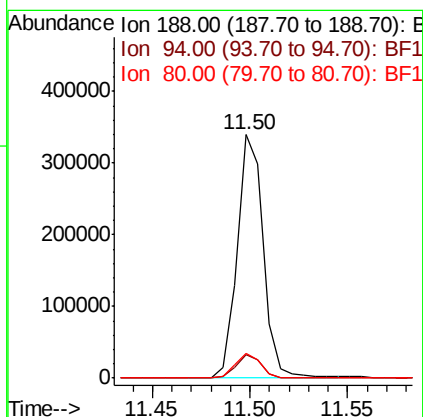
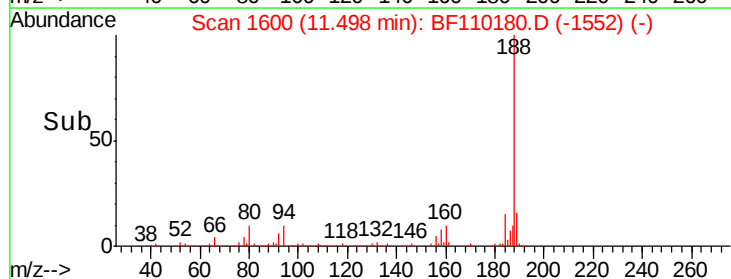
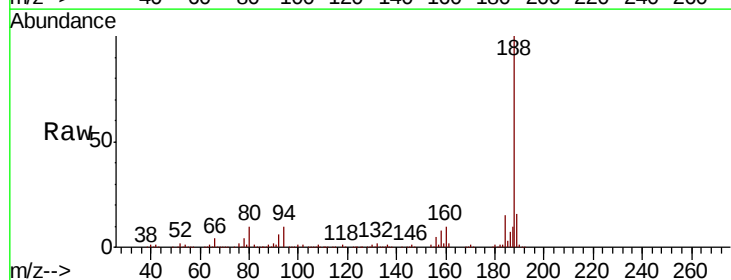
Instrument :
 BNA_F
 ClientSampleId :

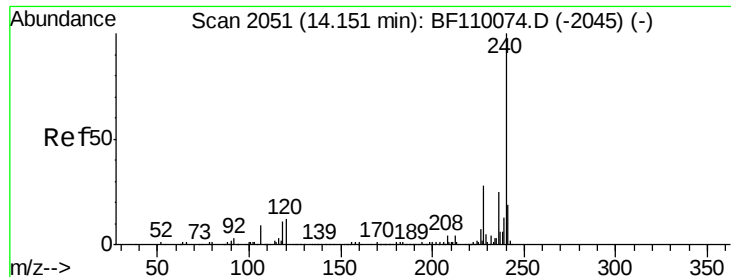
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	2.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF110180.D
 Acq: 26 Oct 2018 00:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.2	10.8
80	10.1	7.9	11.9

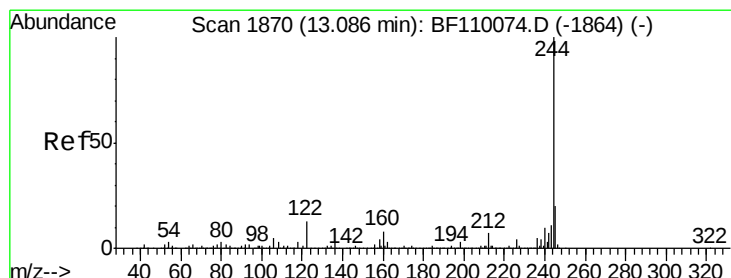
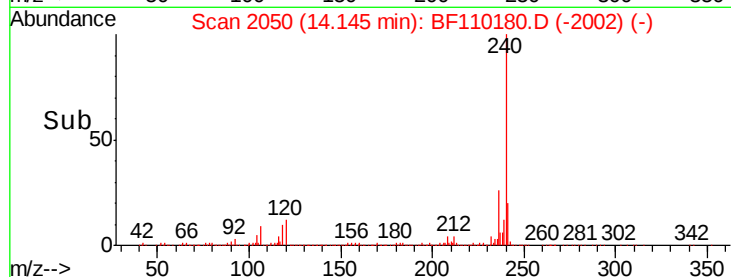
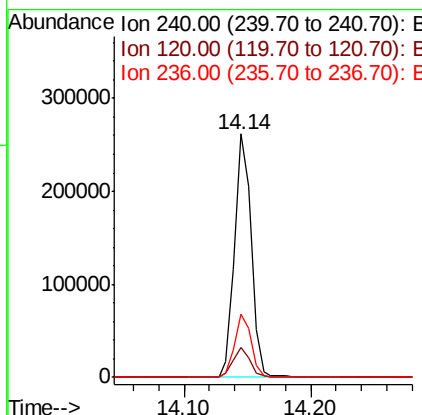
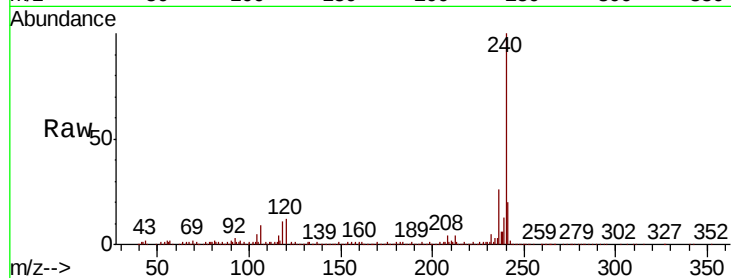




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110180.D
 Acq: 26 Oct 2018 00:19

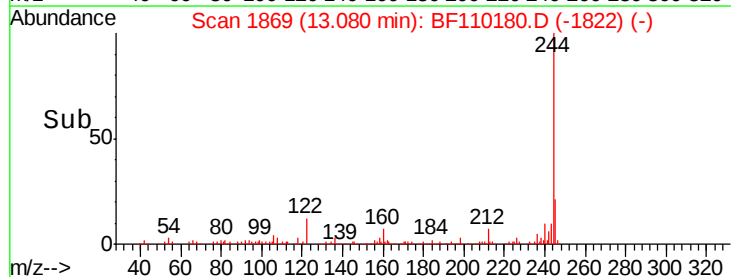
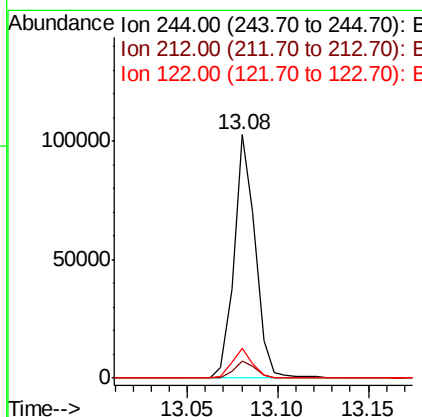
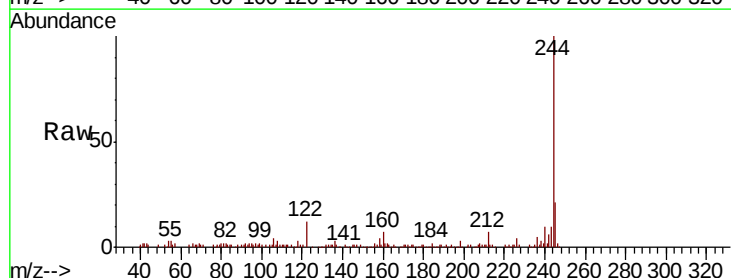
Instrument :
 BNA_F
 ClientSampleId :

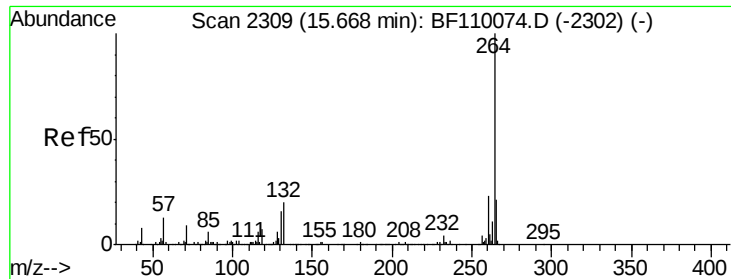
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	8.3	12.5
236	26.2	21.2	31.8



#79
 Terphenyl-d14
 Concen: 7.349 ng
 RT: 13.08 min Scan# 1869
 Delta R.T. -0.02 min
 Lab File: BF110180.D
 Acq: 26 Oct 2018 00:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.1	8.7	13.1

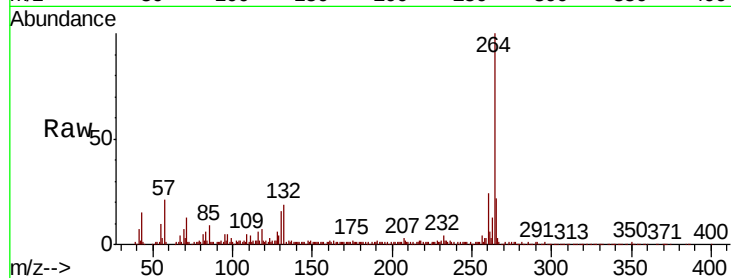




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BF110180.D
Acq: 26 Oct 2018 00:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.8	16.7	25.1



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

