

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110132.D
 Acq On : 25 Oct 2018 00:04
 Operator : JU/SJ
 Sample : J4768-03 10X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 02:15:42 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

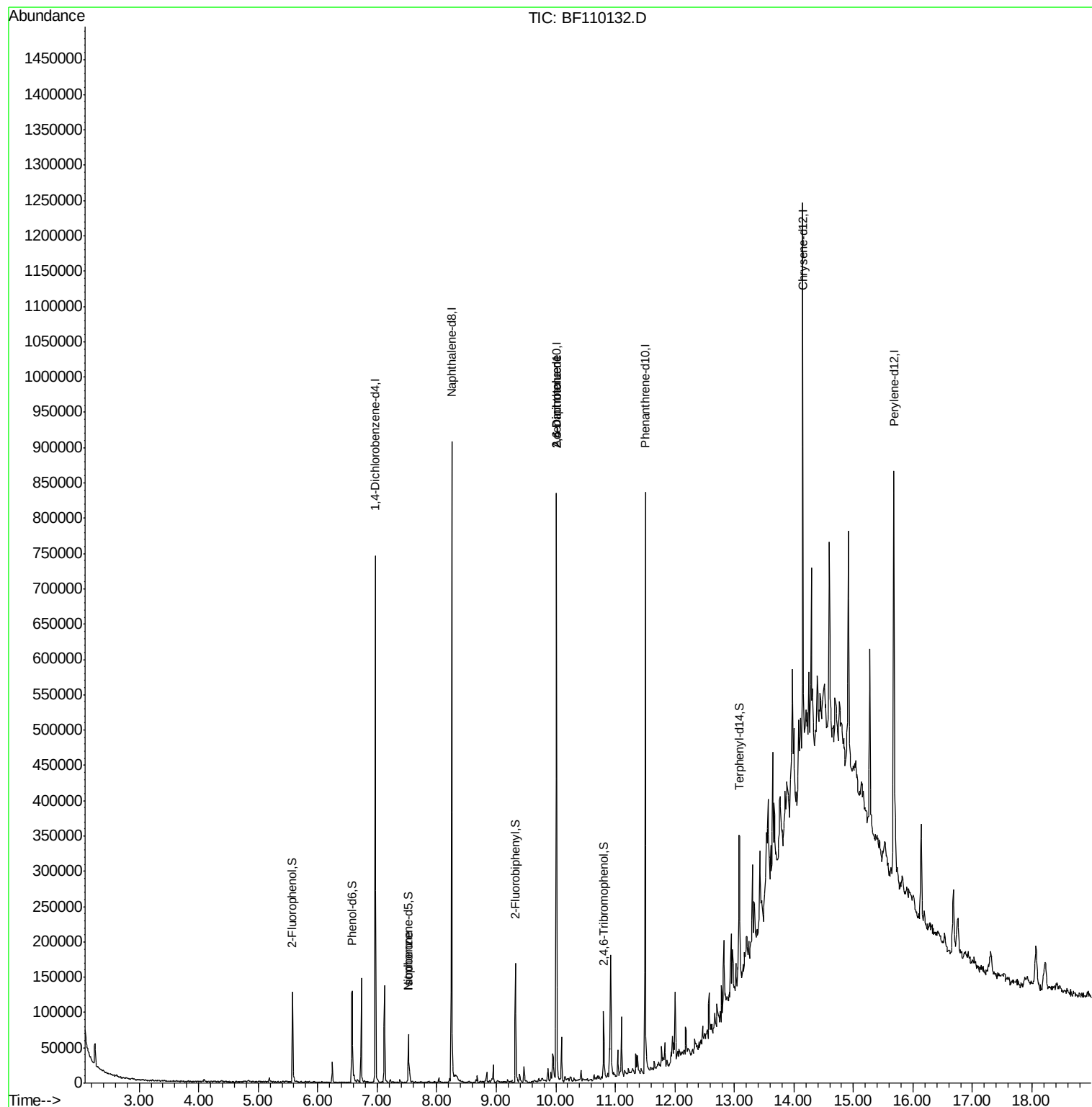
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	108881	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	393401	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	152170	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	278266	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	249985	20.00	ng	-0.01
87) Perylene-d12	15.68	264	176748	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	40524	6.06	ng	-0.02
7) Phenol-d6	6.58	99	51568	6.03	ng	-0.02
23) Nitrobenzene-d5	7.52	82	25241	3.81	ng	-0.03
42) 2,4,6-Tribromophenol	10.80	330	7920	5.25	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	54922	5.67	ng	-0.02
79) Terphenyl-d14	13.09	244	57782	4.81	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.73	77	911	Below Cal	Qvalue #	58
25) Isophorone	7.52	82	25241	2.233 ng	#	67
51) 2,6-Dinitrotoluene	10.01	165	19714	8.148 ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	19714	6.415 ng	#	19

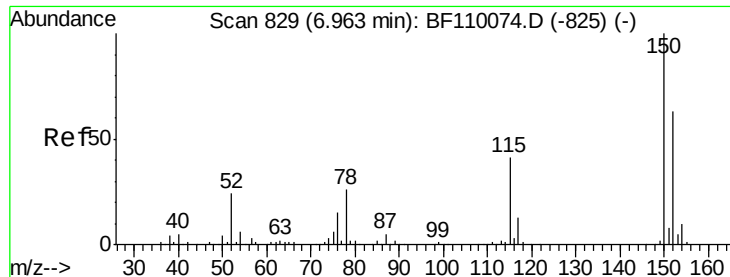
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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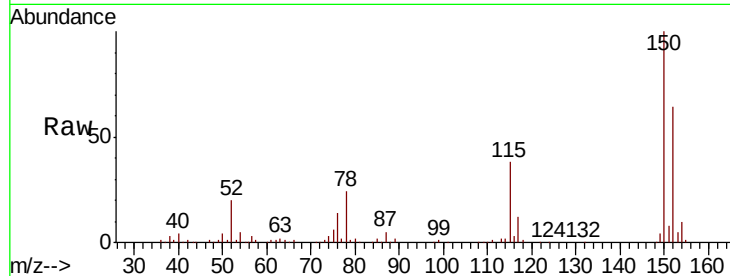


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	122.7	184.1
115	59.7	49.1	73.7

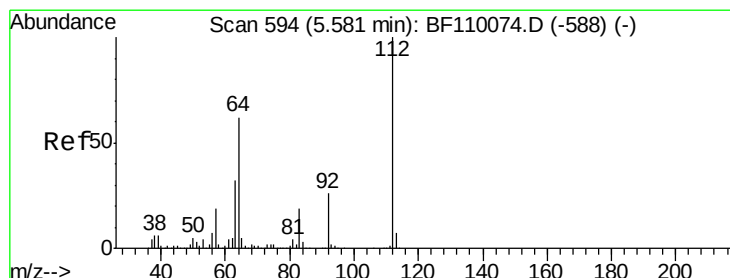
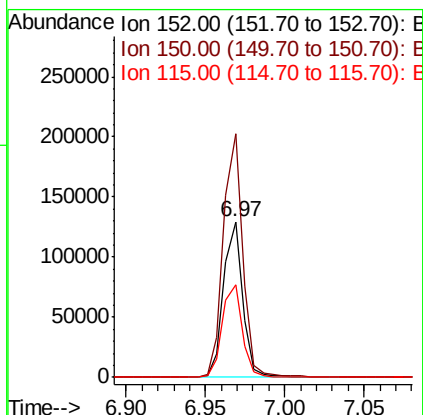
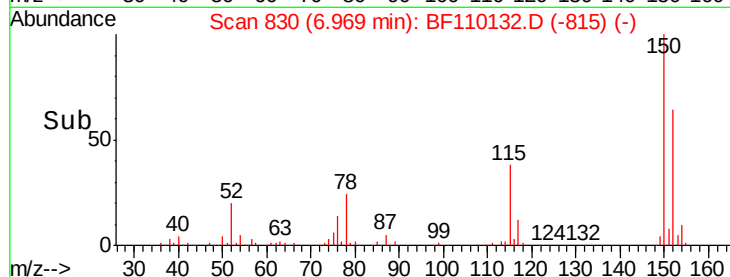


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

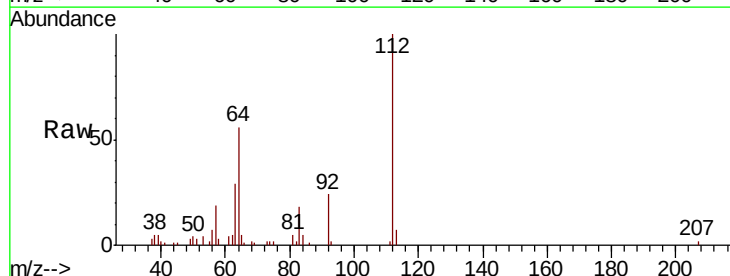
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 6.061 ng
RT: 5.58 min Scan# 594
Delta R.T. -0.02 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	44.1	66.1
63	29.5	23.7	35.5

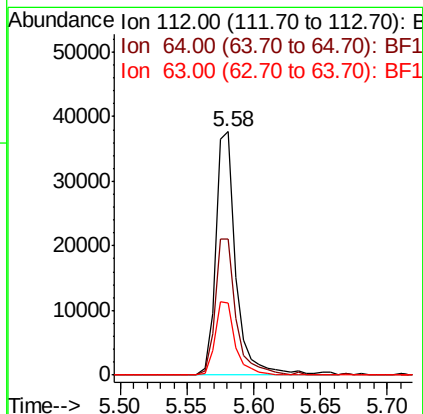
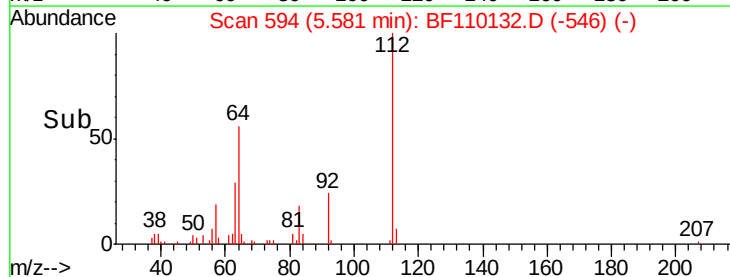


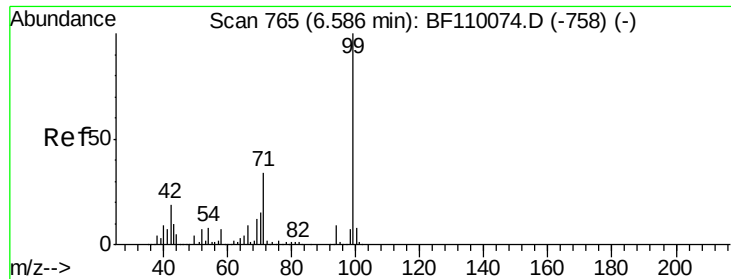
Abundance

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: 6.030 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110132.D

Acq: 25 Oct 2018 00:04

Instrument :

BNA_F

ClientSampleId :

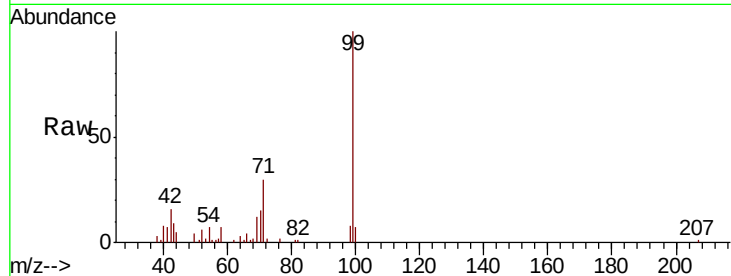
Tot Ion: 99 Resp: 51568

Ion Ratio Lower Upper

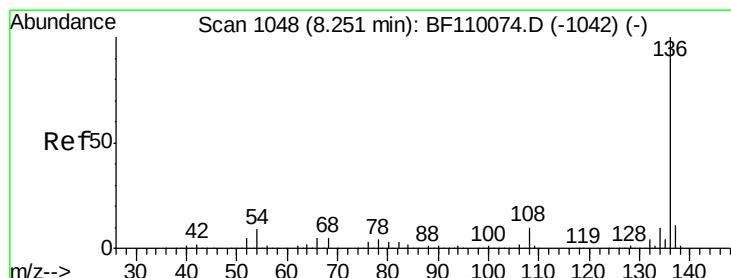
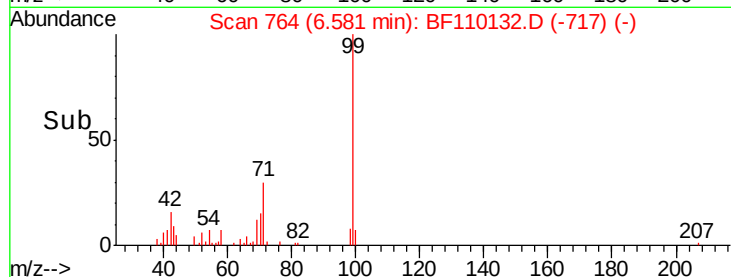
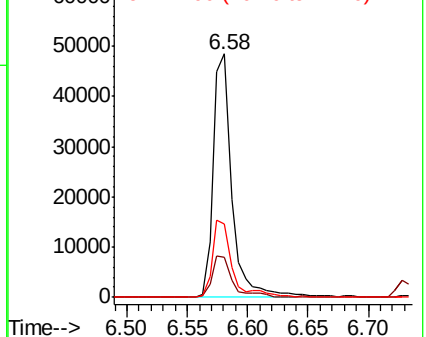
99 100

42 16.3 15.8 23.6

71 30.2 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: BF110132.D

Acq: 25 Oct 2018 00:04

Tgt Ion: 136 Resp: 393401

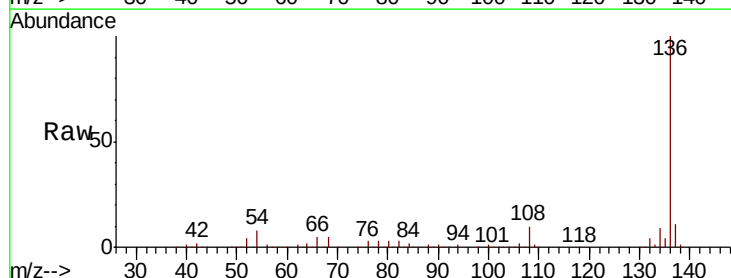
Ion Ratio Lower Upper

136 100

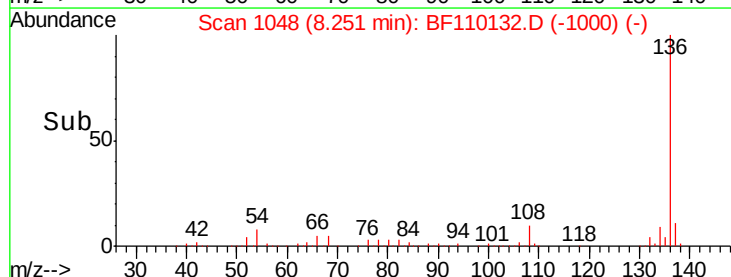
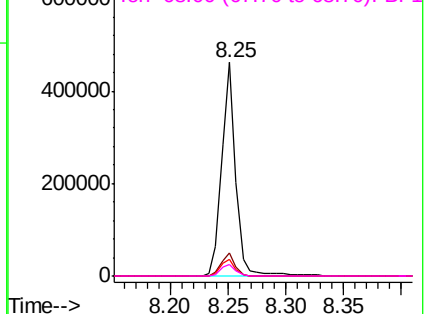
137 10.9 8.8 13.2

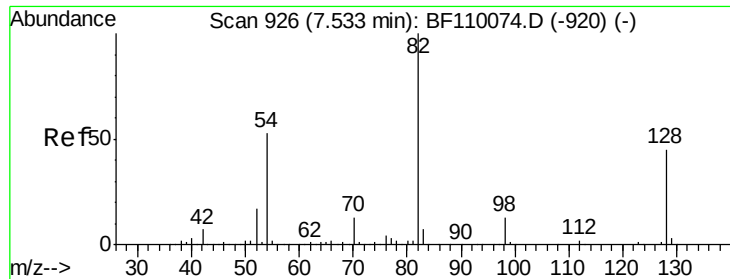
54 7.7 5.4 8.2

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

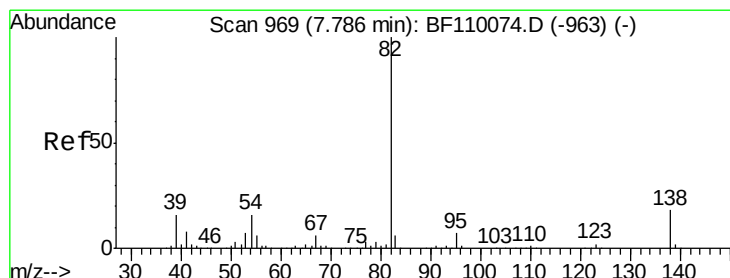
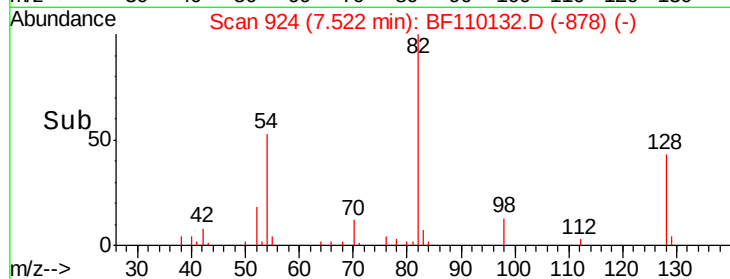
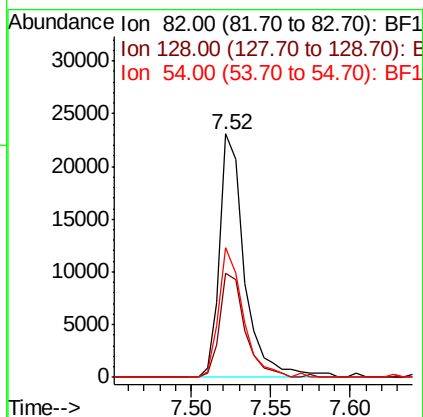
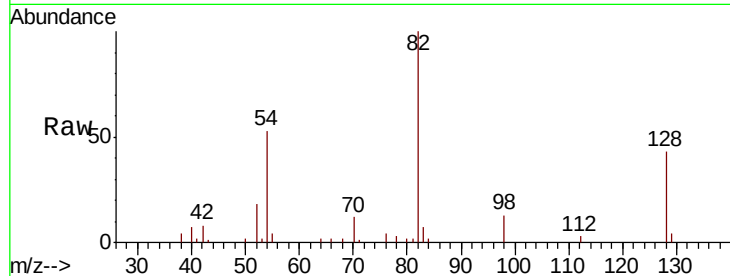




#23
Nitrobenzene-d5
Concen: 3.806 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.03 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

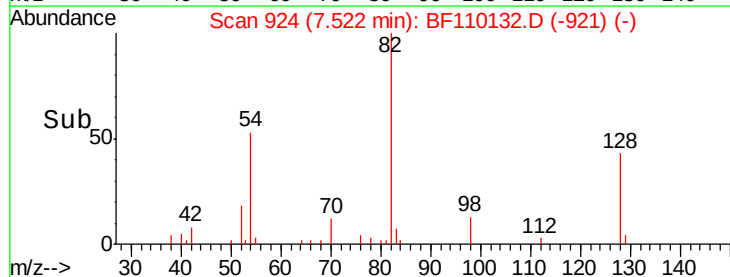
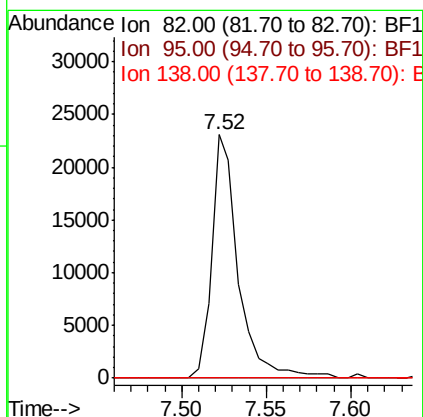
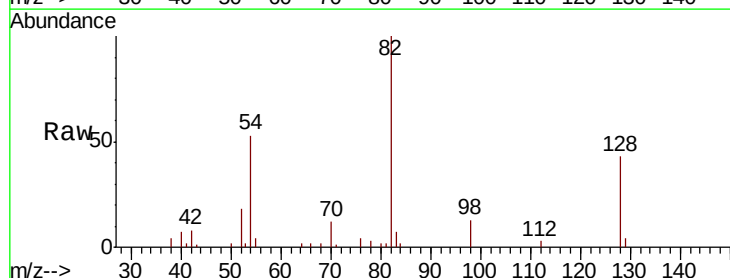
Instrument :
BNA_F
ClientSampleId :

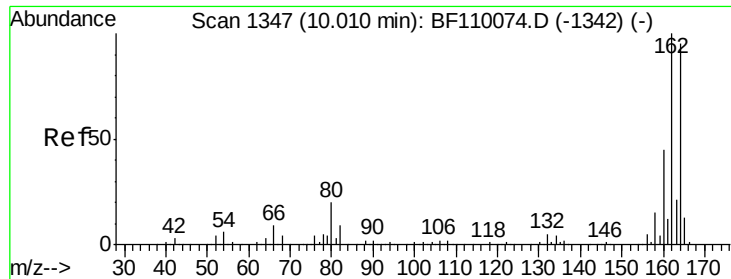
Tot Ion	82	Resp	25241
Ion Ratio	100	Lower	Upper
128	43.0	34.2	51.2
54	53.2	38.6	58.0



#25
Isophorone
Concen: 2.233 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.28 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Tgt Ion	82	Resp	25241
Ion Ratio	100	Lower	Upper
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110132.D

Acq: 25 Oct 2018 00:04

Instrument :

BNA_F

ClientSampleId :

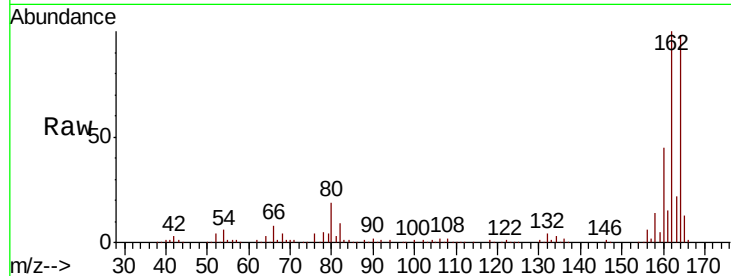
Tot Ion:164 Resp: 152170

Ion Ratio Lower Upper

164 100

162 102.0 83.0 124.6

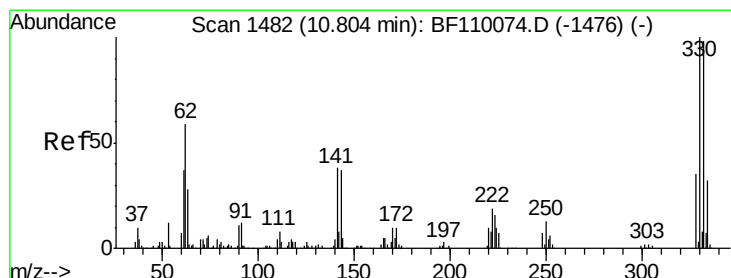
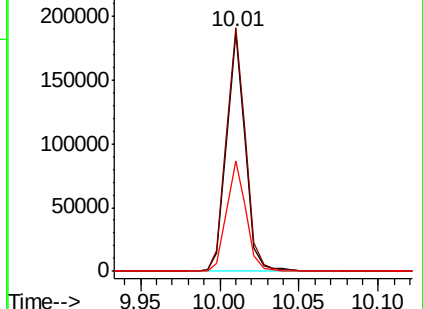
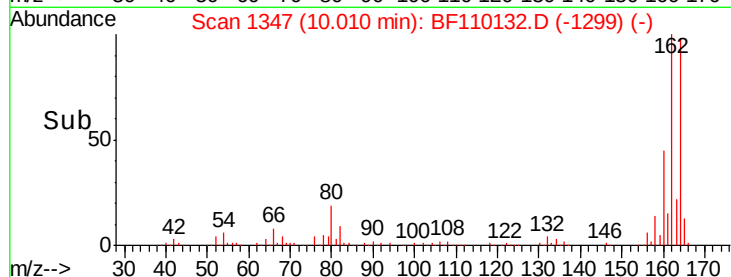
160 46.2 37.0 55.6



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: 5.254 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110132.D

Acq: 25 Oct 2018 00:04

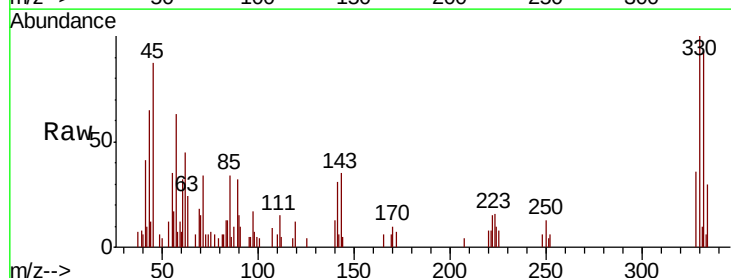
Tgt Ion:330 Resp: 7920

Ion Ratio Lower Upper

330 100

332 92.8 77.1 115.7

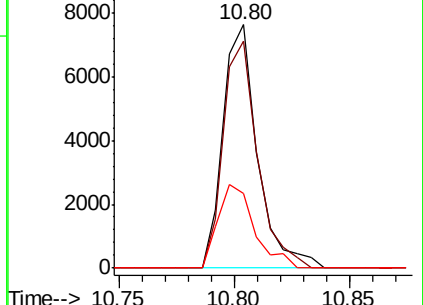
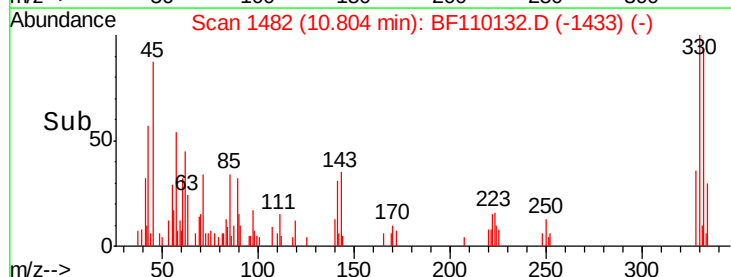
141 36.2 27.0 40.4

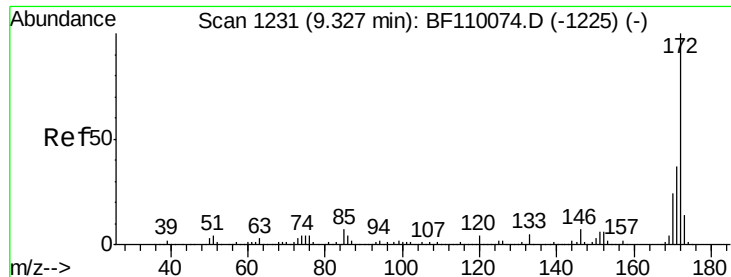


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

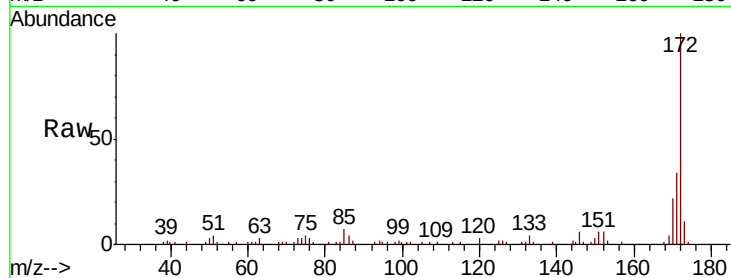




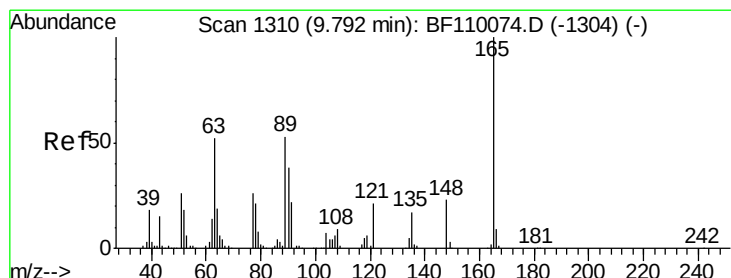
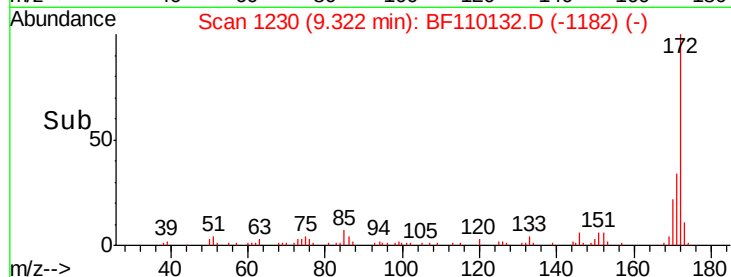
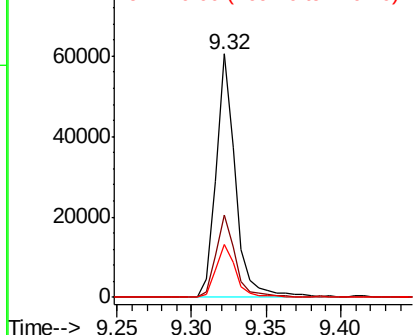
#45
2-Fluorobiphenyl
Concen: 5.667 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 54922
Ion Ratio Lower Upper
172 100
171 33.6 28.6 43.0
170 22.0 19.7 29.5

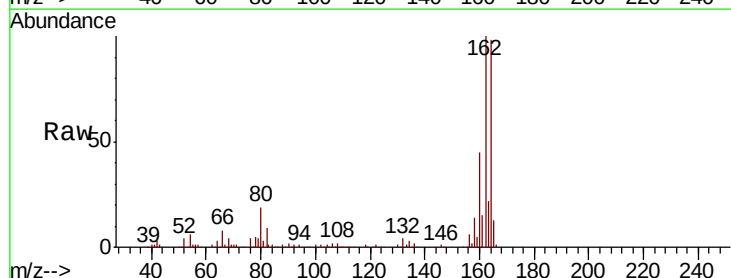


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

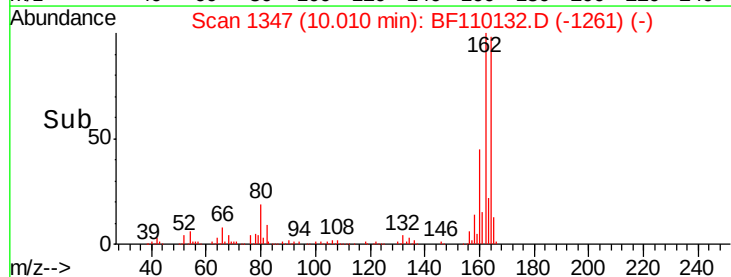
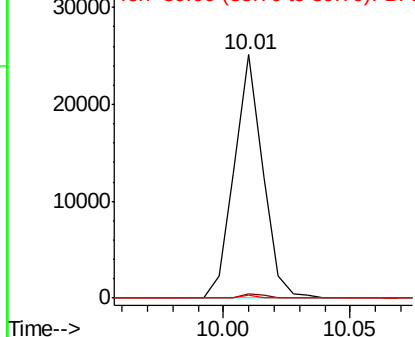


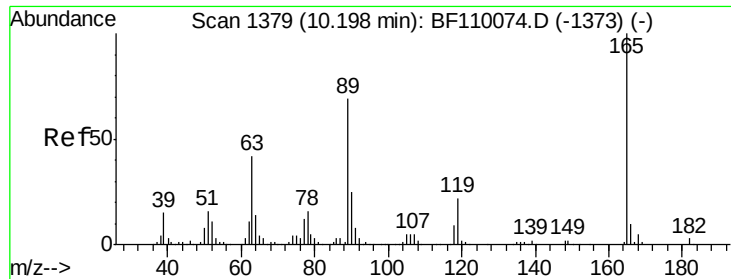
#51
2,6-Dinitrotoluene
Concen: 8.148 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Tgt Ion:165 Resp: 19714
Ion Ratio Lower Upper
165 100
63 1.6 48.9 73.3#
89 1.3 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

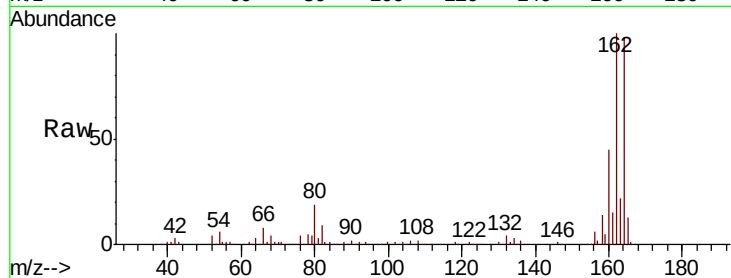




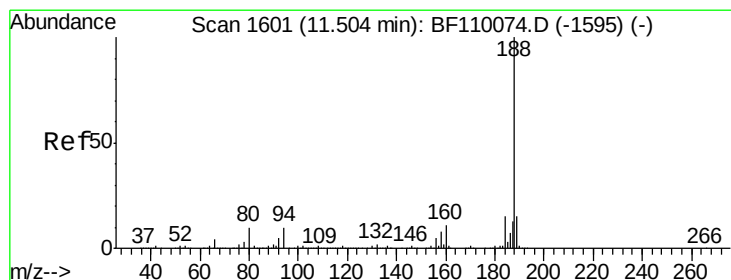
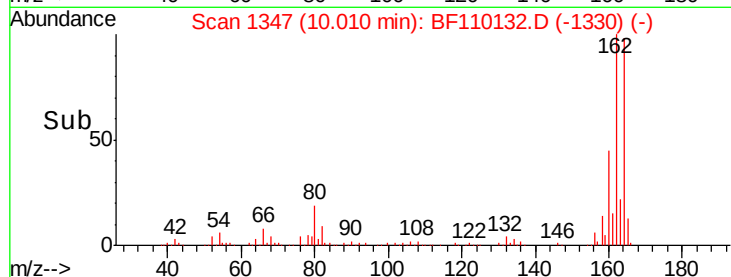
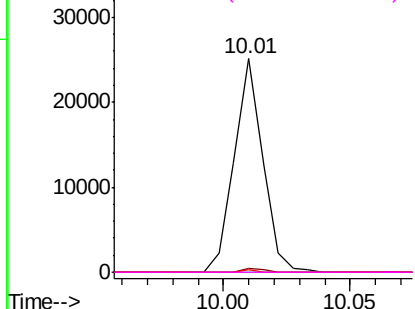
#57
2,4-Dinitrotoluene
Concen: 6.415 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165	Resp:	19714
Ion	Ratio	Lower Upper
165	100	
63	1.6	44.8 67.2#
89	1.3	62.2 93.4#
182	0.0	2.1 3.1#

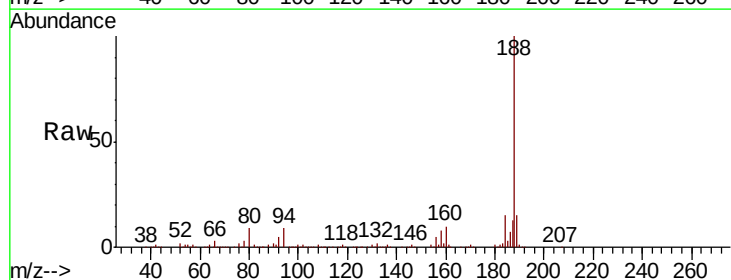


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

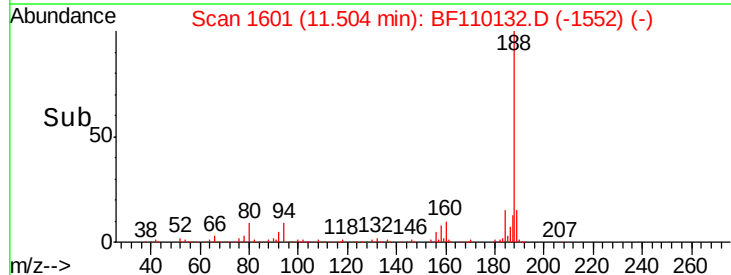
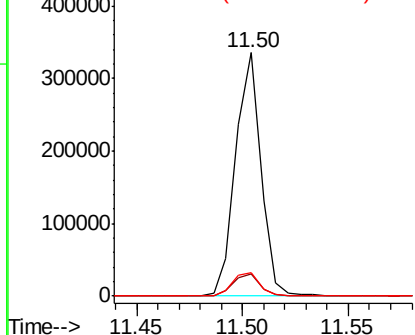


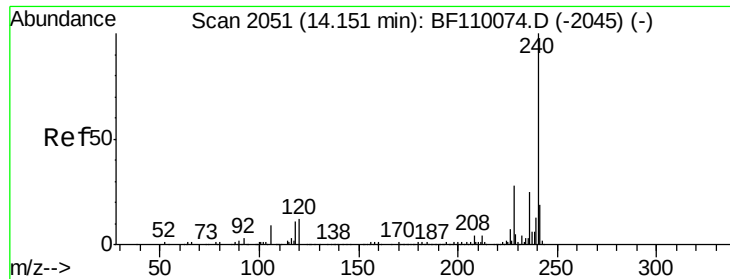
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Tgt Ion:188	Resp:	278266
Ion	Ratio	Lower Upper
188	100	
94	9.3	7.2 10.8
80	9.4	7.9 11.9



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

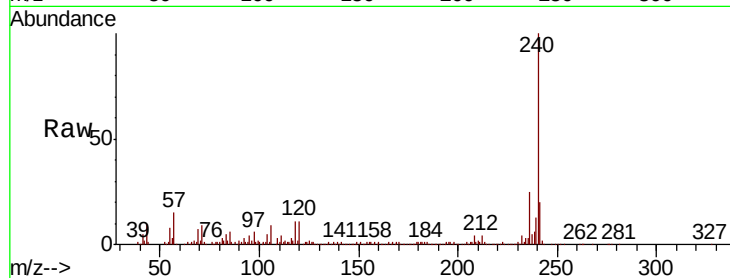




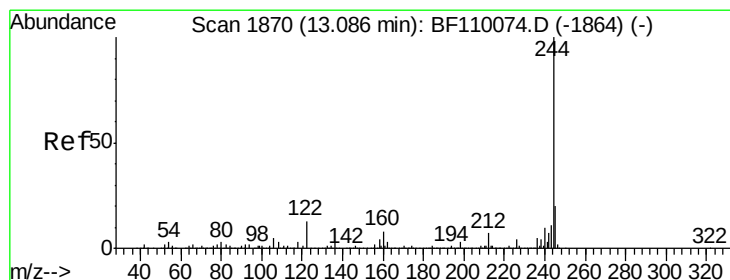
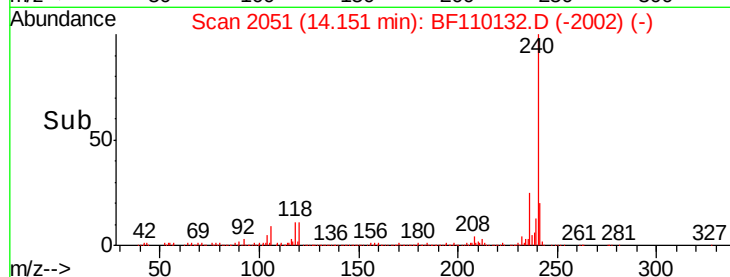
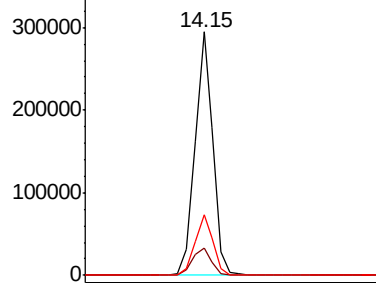
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.3	12.5
236	25.0	21.2	31.8

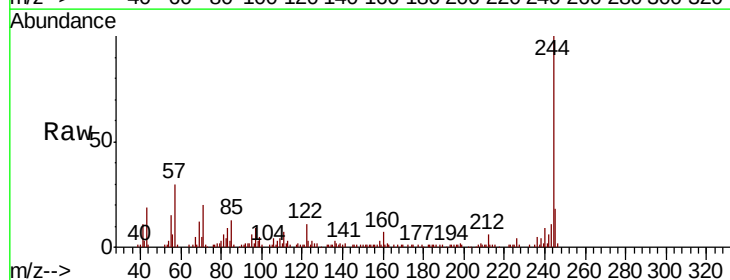


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

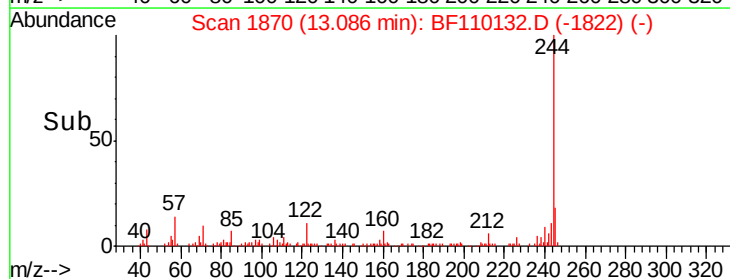
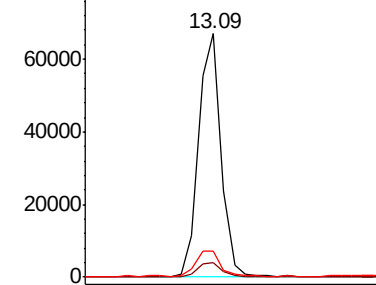


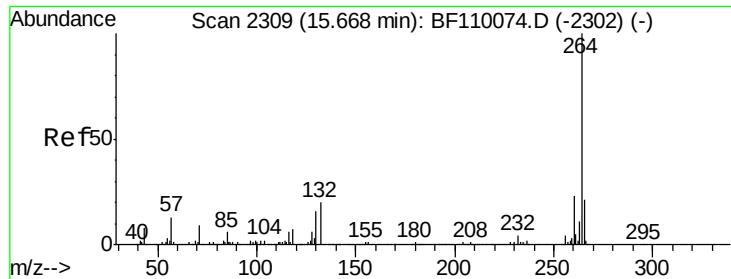
#79
Terphenyl-d14
Concen: 4.807 ng
RT: 13.09 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.2	5.8	8.8
122	10.8	8.7	13.1



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

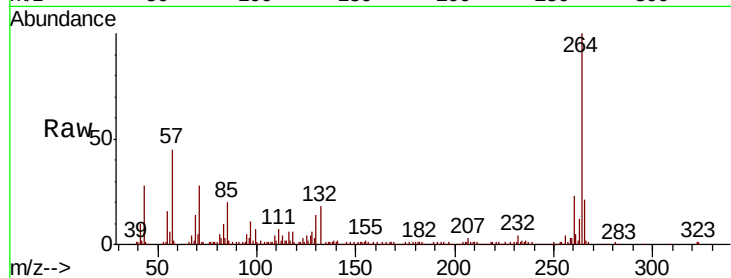




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BF110132.D
Acq: 25 Oct 2018 00:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.4	18.7	28.1	
265	20.9	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

