

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102318\
 Data File : BF110081.D
 Acq On : 23 Oct 2018 16:57
 Operator : JU/SJ
 Sample : PB113692BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 24 03:01:00 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

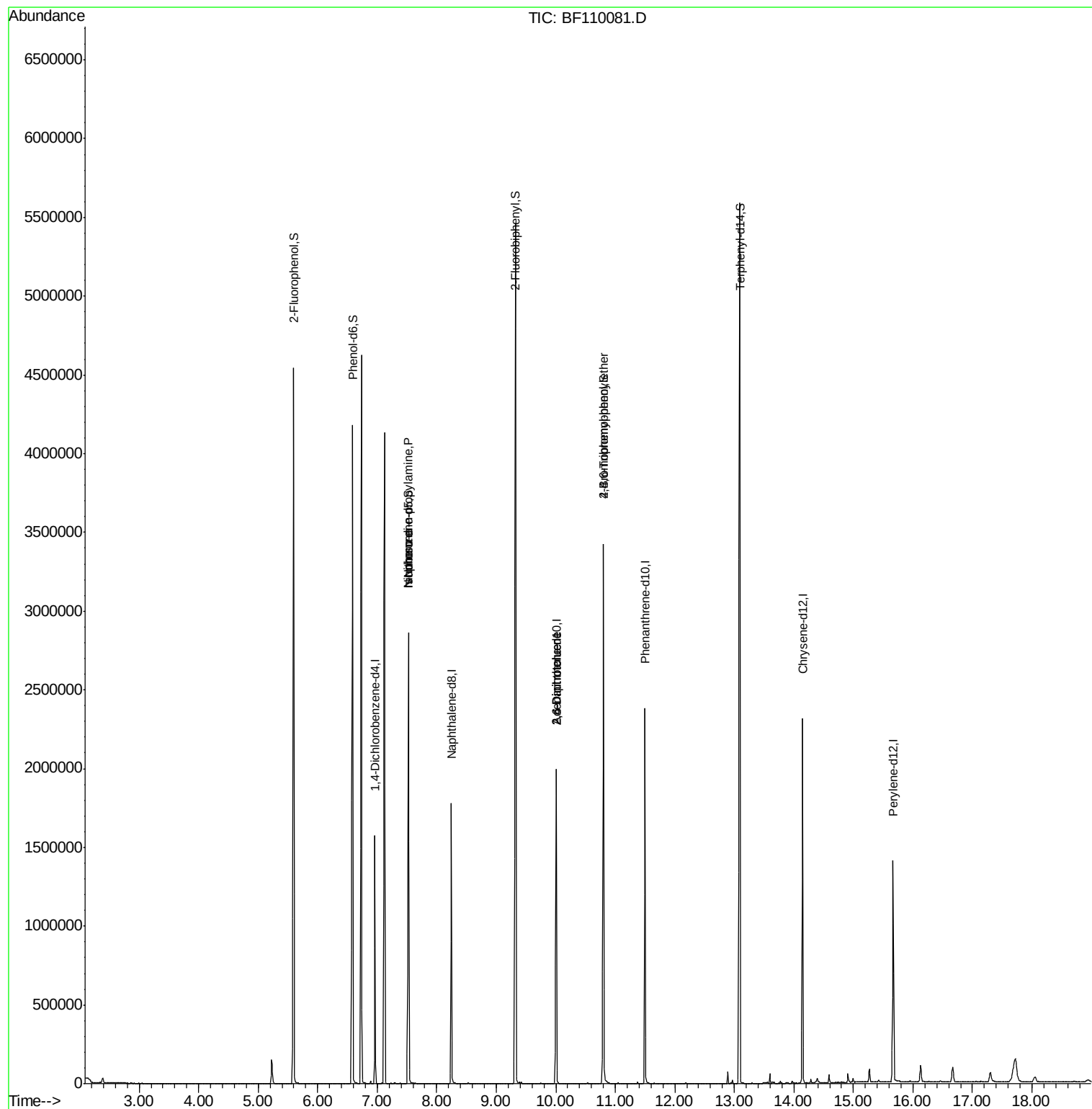
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	213212	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	863184	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	423587	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	842085	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	732813	20.00	ng	-0.02
87) Perylene-d12	15.67	264	650301	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1332316	101.76	ng	0.00
7) Phenol-d6	6.59	99	1704905	101.80	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1067448	73.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	449235	107.06	ng	-0.01
45) 2-Fluorobiphenyl	9.32	172	1959731	72.65	ng	-0.02
79) Terphenyl-d14	13.09	244	2133953	60.56	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.59	77	2231	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	142338	13.248 ng	#	80
25) Isophorone	7.53	82	1067434	43.029 ng	#	67
51) 2,6-Dinitrotoluene	10.01	165	53404	7.929 ng	#	23
57) 2,4-Dinitrotoluene	10.01	165	53404	6.242 ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	29494	3.229 ng	#	1

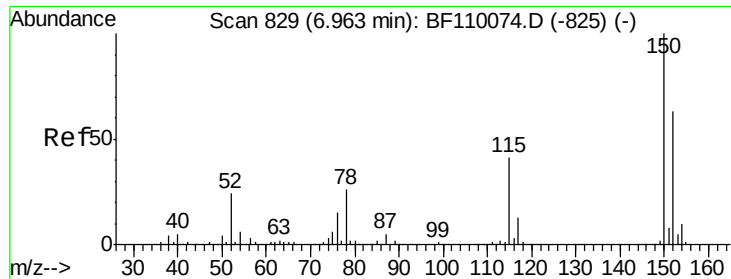
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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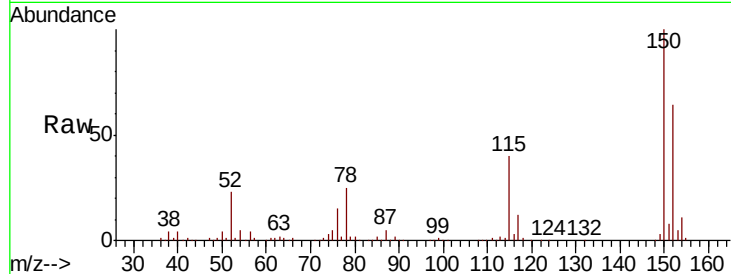


#1

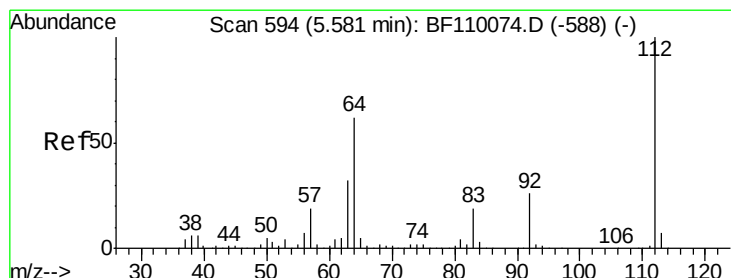
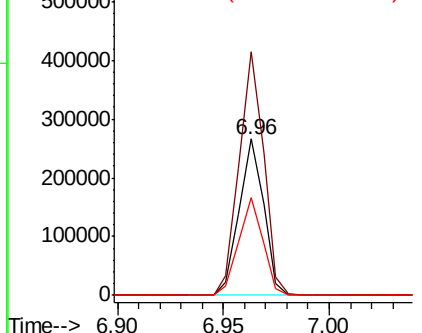
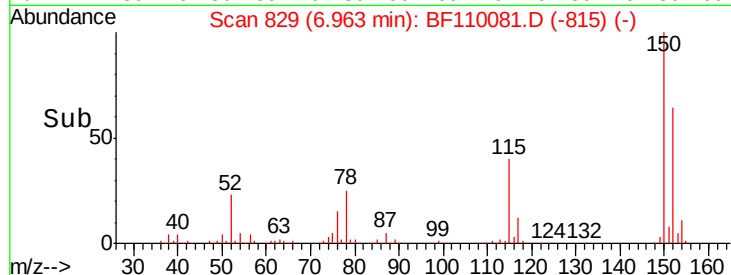
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.02 min
 Lab File: BF110081.D
 Acq: 23 Oct 2018 16:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 213212
 Ion Ratio Lower Upper
 152 100
 150 155.9 122.7 184.1
 115 62.4 49.1 73.7



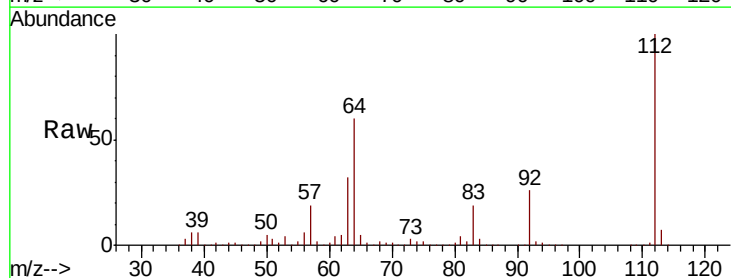
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



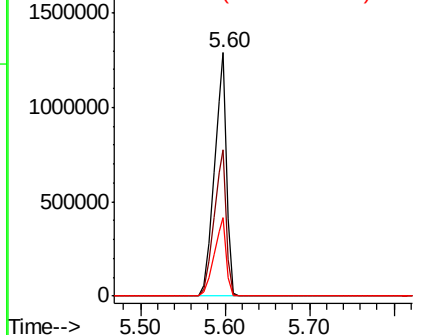
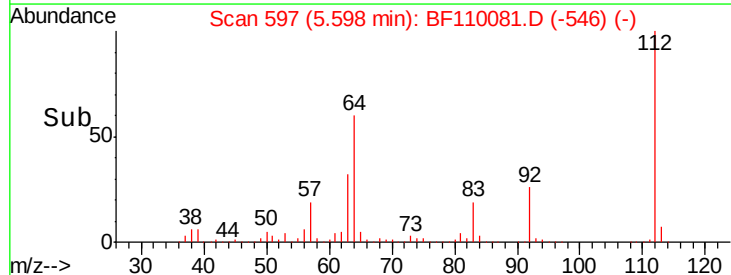
#5

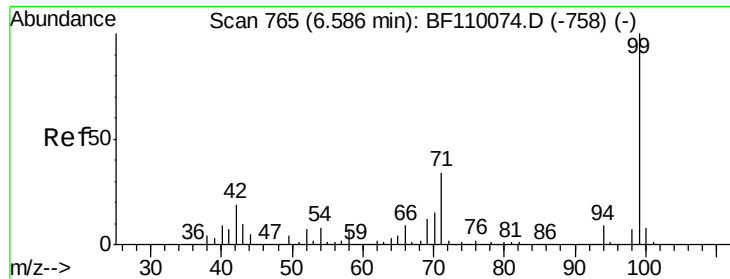
2-Fluorophenol
 Concen: 101.758 ng
 RT: 5.60 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF110081.D
 Acq: 23 Oct 2018 16:57

Tgt Ion:112 Resp: 1332316
 Ion Ratio Lower Upper
 112 100
 64 60.2 44.1 66.1
 63 32.0 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: 101.804 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110081.D

Acq: 23 Oct 2018 16:57

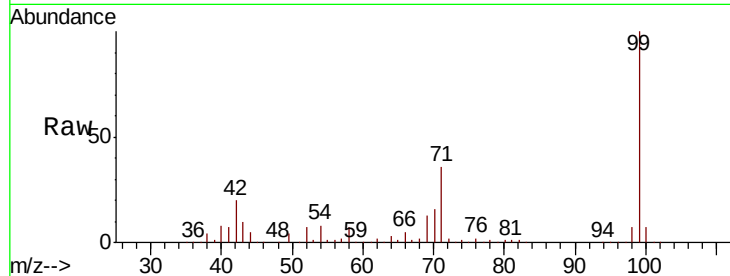
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1704905

Ion	Ratio	Lower	Upper
99	100		
42	19.6	15.8	23.6
71	35.9	28.0	42.0

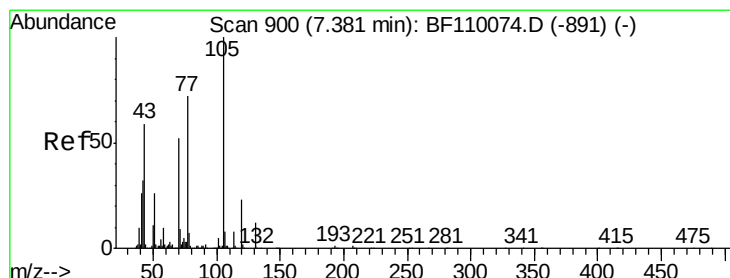
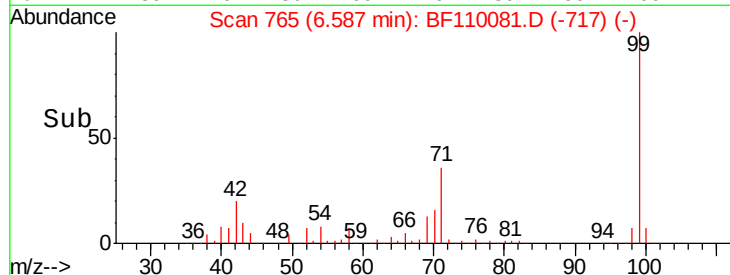
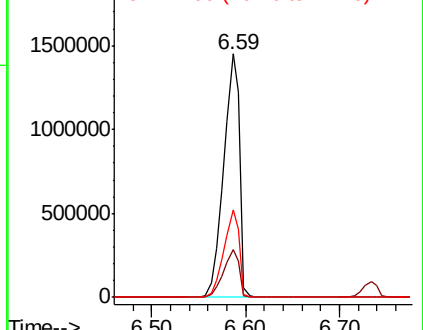


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 13.248 ng

RT: 7.53 min Scan# 925

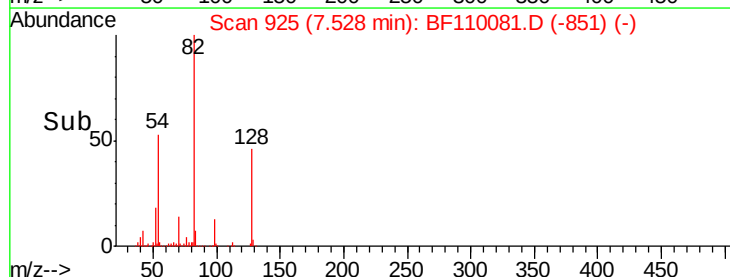
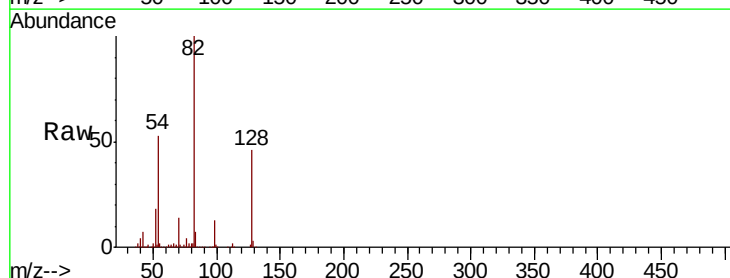
Delta R.T. 0.14 min

Lab File: BF110081.D

Acq: 23 Oct 2018 16:57

Tgt Ion: 70 Resp: 142338

Ion	Ratio	Lower	Upper
70	100		
42	49.1	47.4	71.2
101	0.0	7.3	10.9#
130	2.4	16.2	24.2#



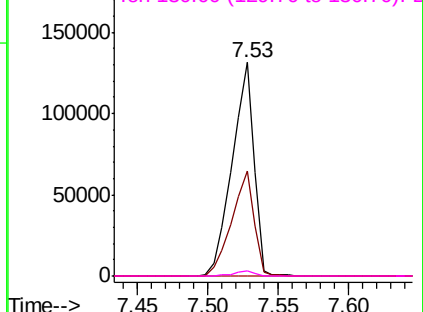
Abundance

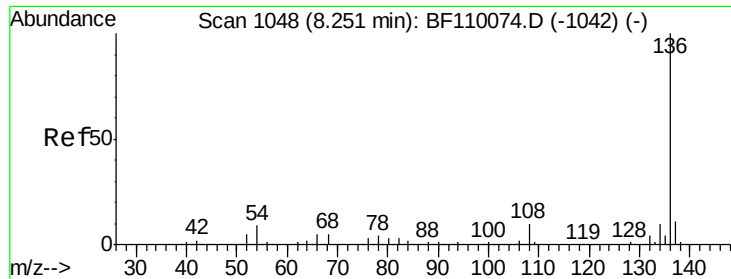
Ion 70.00 (69.70 to 70.70): BF1

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

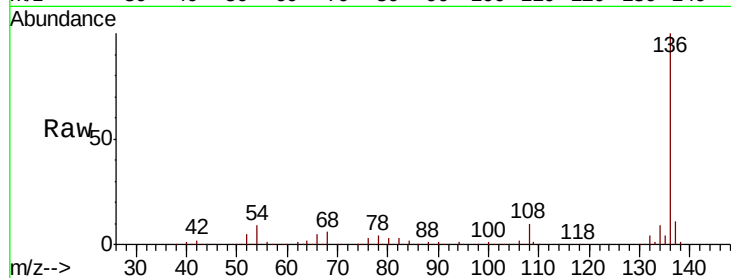




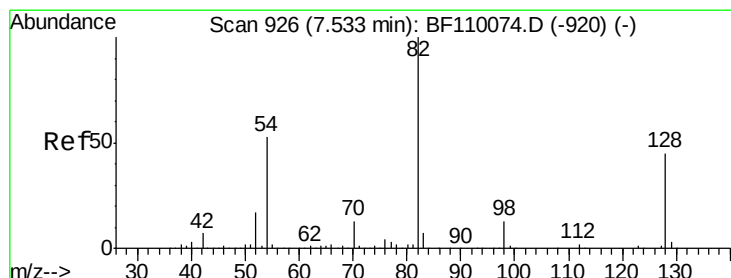
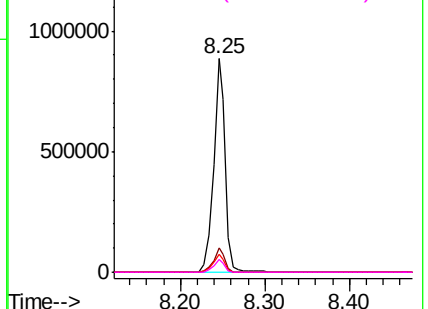
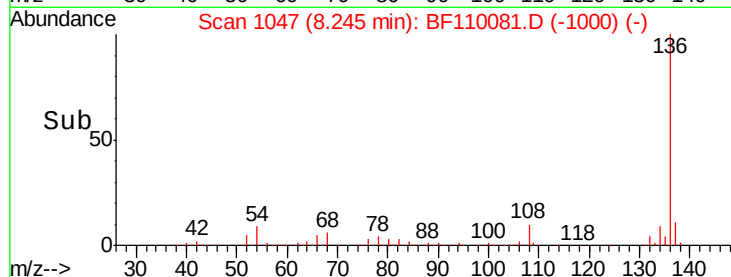
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110081.D
Acq: 23 Oct 2018 16:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 863184
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.6 5.4 8.2#
68 5.8 4.2 6.2

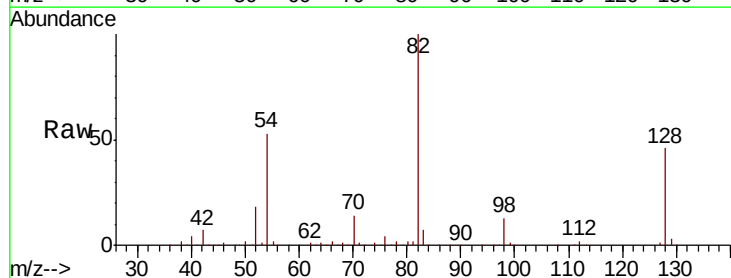


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

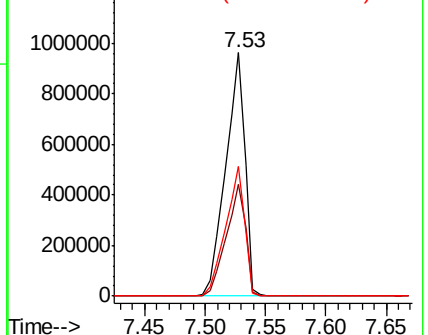
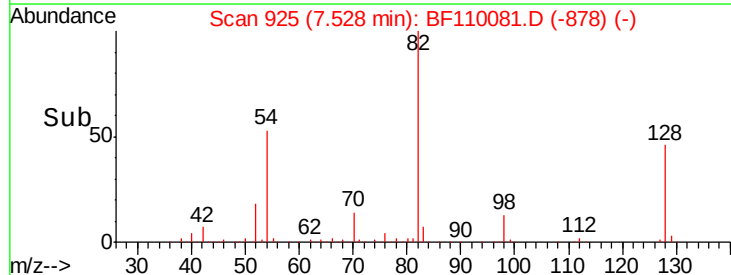


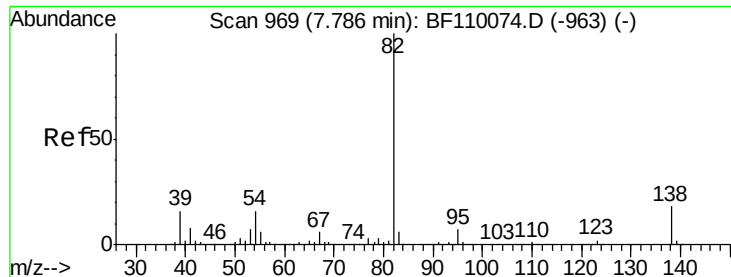
#23
Nitrobenzene-d5
Concen: 73.349 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110081.D
Acq: 23 Oct 2018 16:57

Tgt Ion: 82 Resp: 1067448
Ion Ratio Lower Upper
82 100
128 45.8 34.2 51.2
54 53.4 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

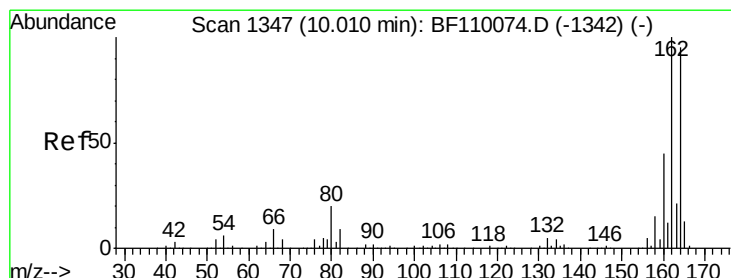
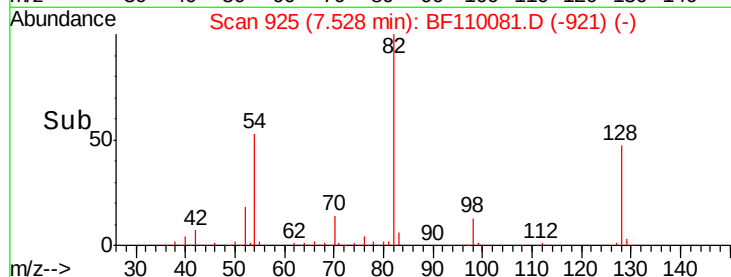
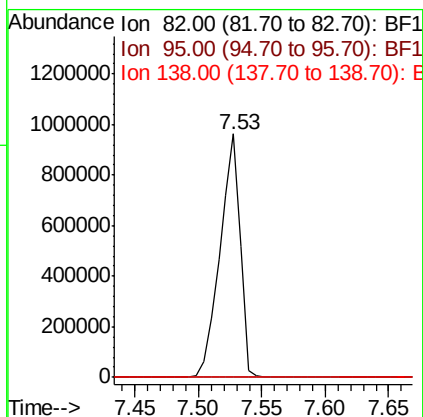
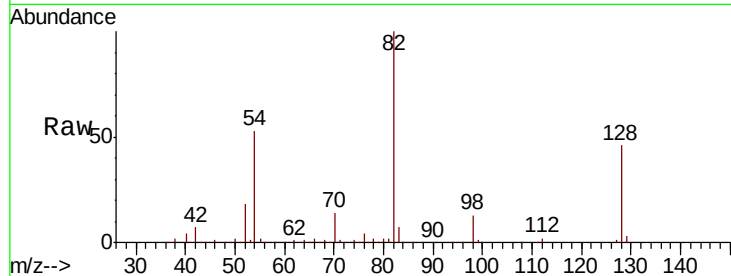




#25
Isophorone
Concen: 43.029 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110081.D
Acq: 23 Oct 2018 16:57

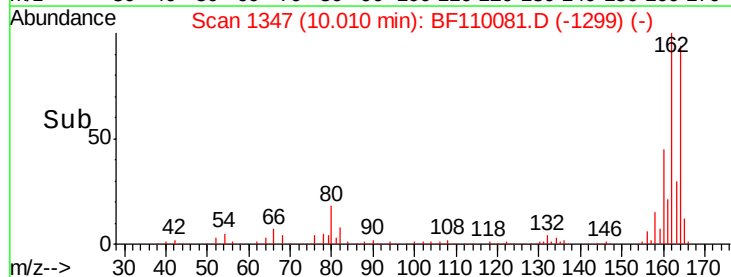
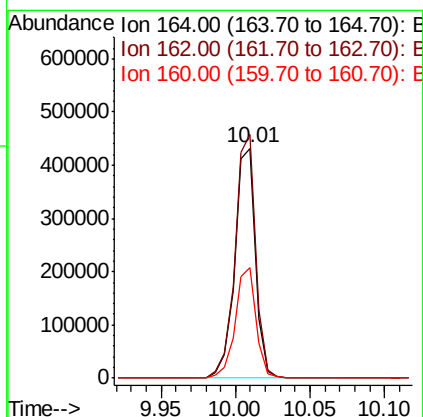
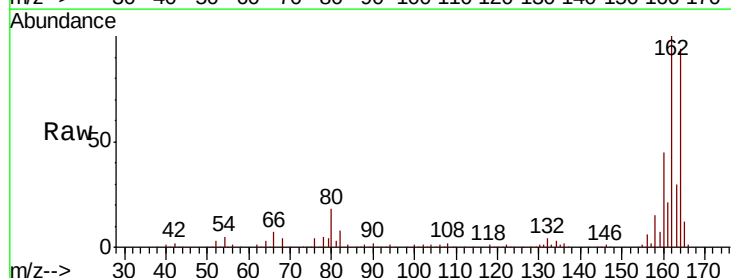
Instrument :
BNA_F
ClientSampleId :

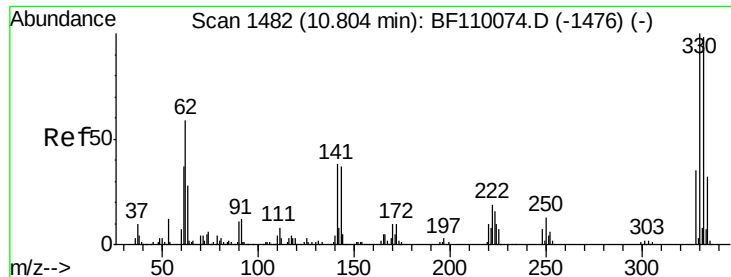
Tot Ion: 82 Resp: 1067434
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110081.D
Acq: 23 Oct 2018 16:57

Tgt Ion:164 Resp: 423587
Ion Ratio Lower Upper
164 100
162 105.9 83.0 124.6
160 48.0 37.0 55.6

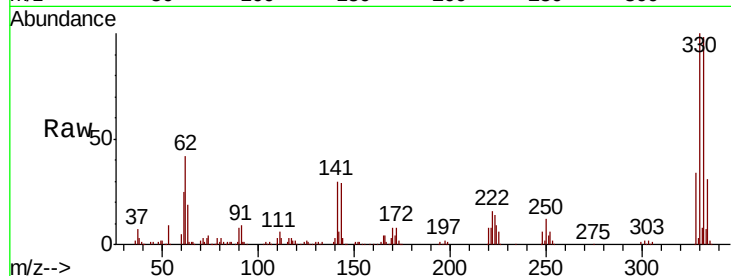




#42
 2,4,6-Tribromophenol
 Concen: 107.065 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110081.D
 Acq: 23 Oct 2018 16:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	36.6	27.0	40.4

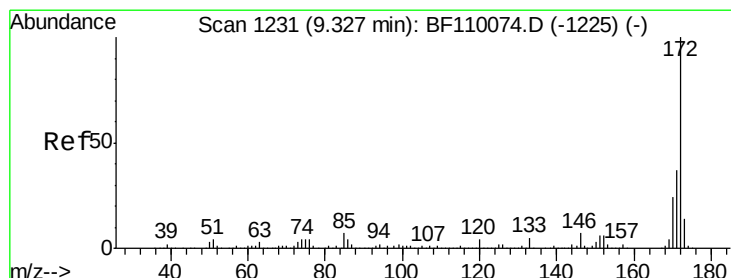
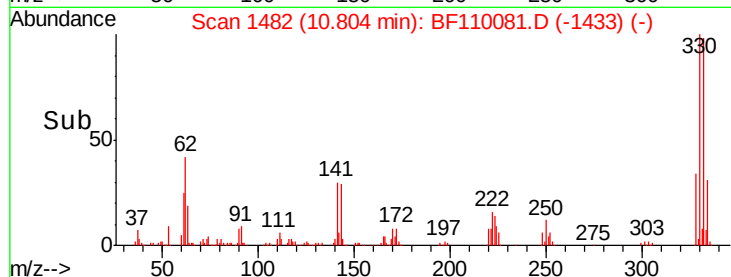
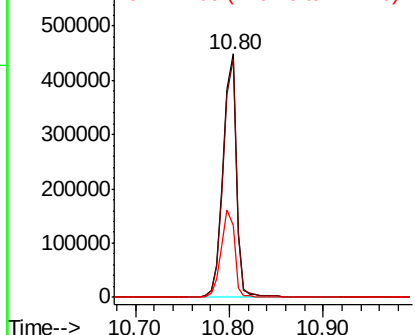


Abundance

Ion 329.80 (329.50 to 330.50): E

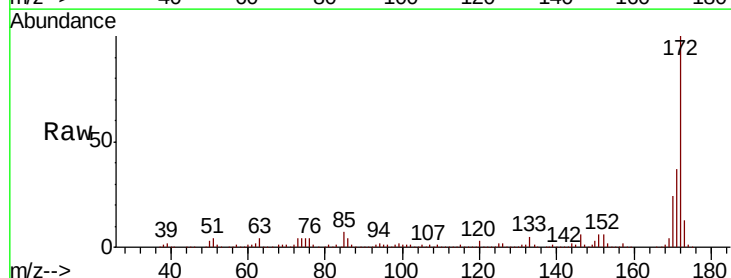
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 72.648 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.02 min
 Lab File: BF110081.D
 Acq: 23 Oct 2018 16:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.1	19.7	29.5

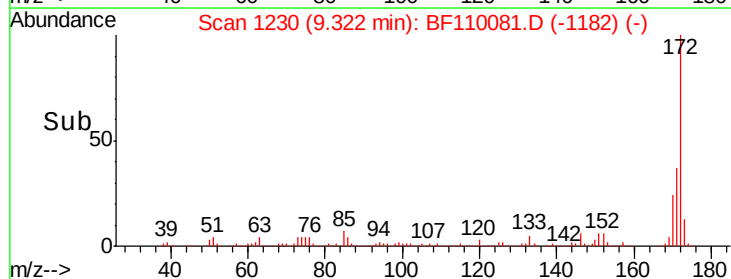
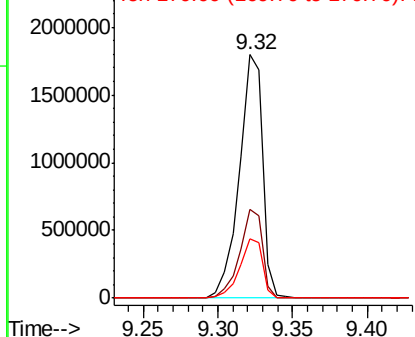


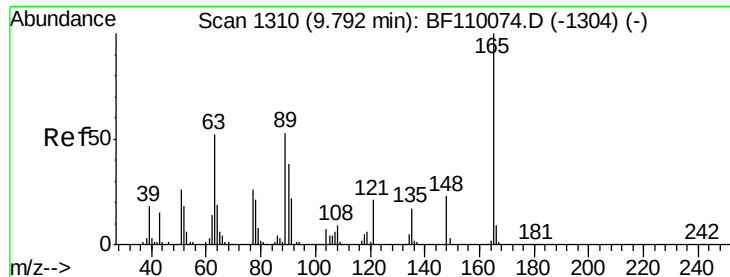
Abundance

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: 7.929 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110081.D

Acq: 23 Oct 2018 16:57

Instrument :

BNA_F

ClientSampleId :

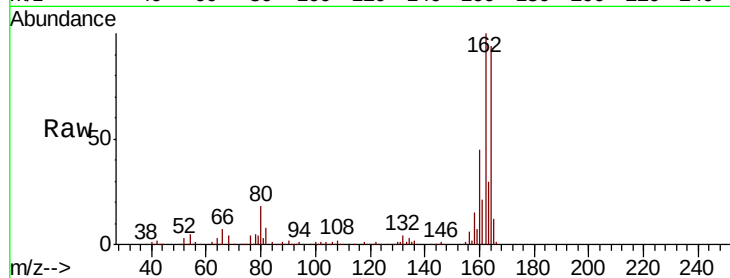
Tot Ion:165 Resp: 53404

Ion Ratio Lower Upper

165 100

63 1.4 48.9 73.3#

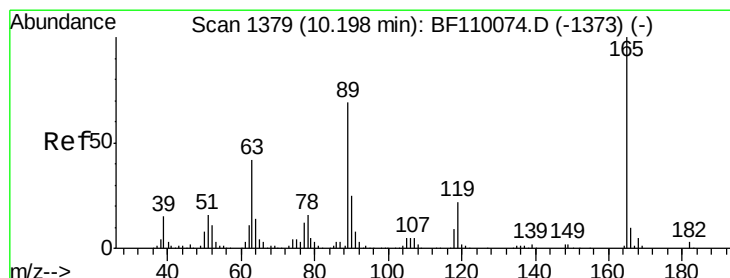
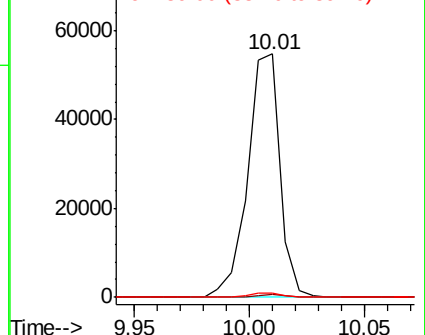
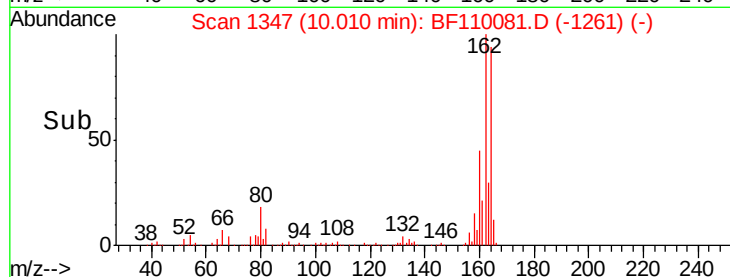
89 1.8 46.6 69.8#



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: 6.242 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110081.D

Acq: 23 Oct 2018 16:57

Tgt Ion:165 Resp: 53404

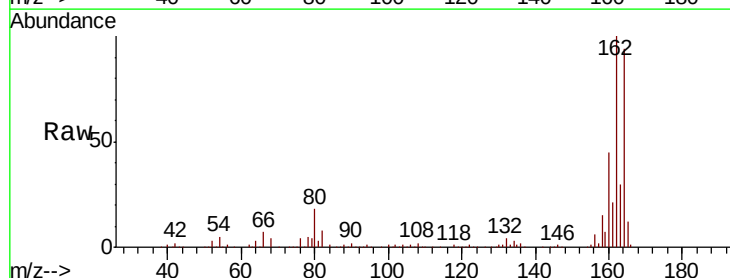
Ion Ratio Lower Upper

165 100

63 1.4 44.8 67.2#

89 1.8 62.2 93.4#

182 0.0 2.1 3.1#

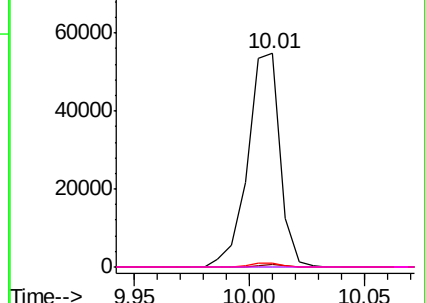
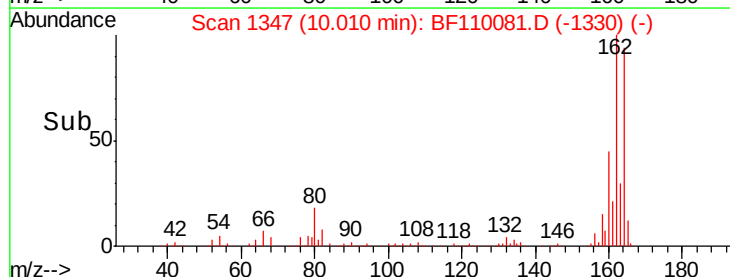


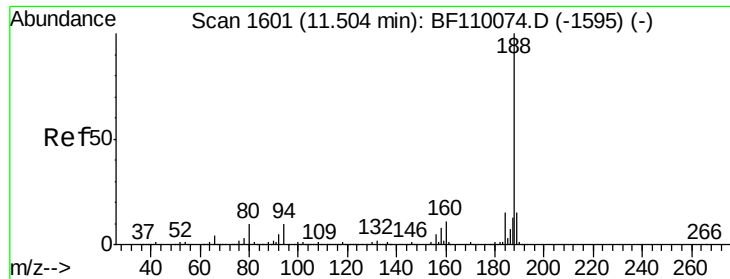
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1600

Delta R.T. -0.02 min

Lab File: BF110081.D

Acq: 23 Oct 2018 16:57

Instrument :

BNA_F

ClientSampleId :

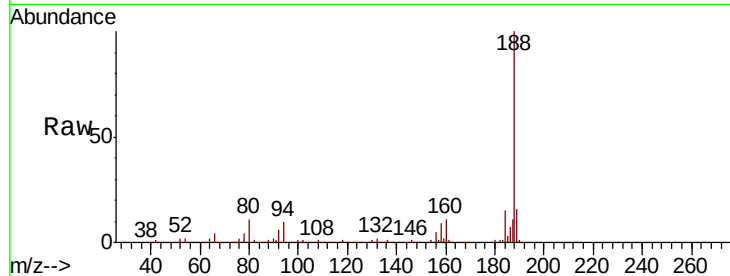
Tot Ion:188 Resp: 842085

Ion Ratio Lower Upper

188 100

94 10.1 7.2 10.8

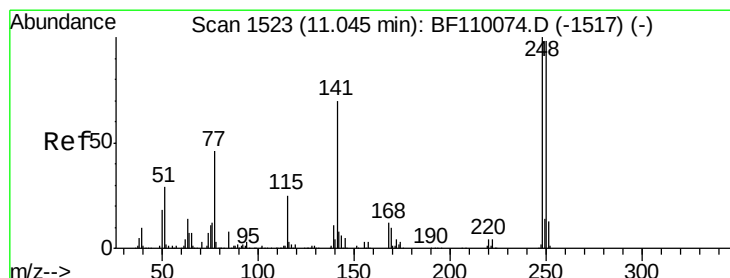
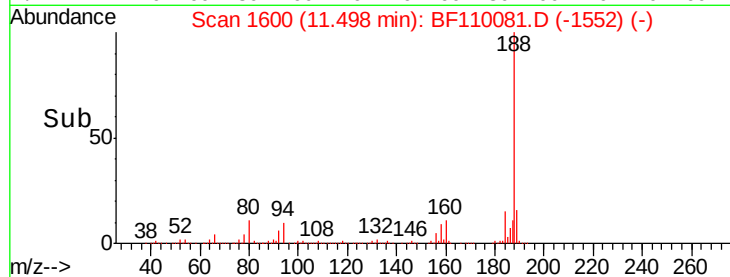
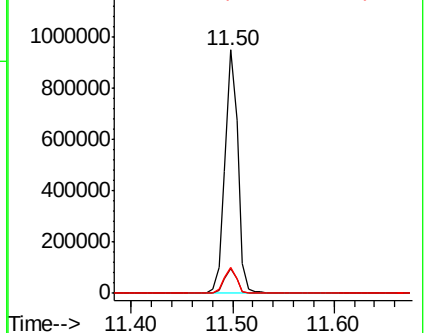
80 10.7 7.9 11.9



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



#67

4-Bromophenyl-phenylether

Concen: 3.229 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.25 min

Lab File: BF110081.D

Acq: 23 Oct 2018 16:57

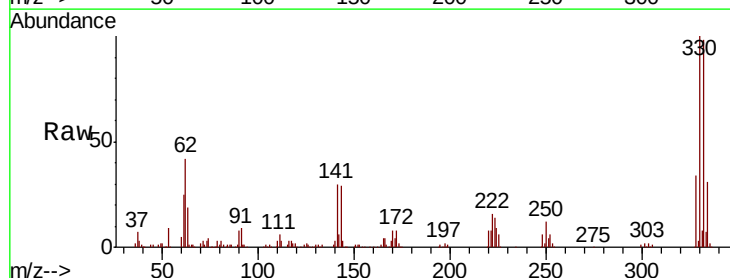
Tgt Ion:248 Resp: 29494

Ion Ratio Lower Upper

248 100

250 189.5 79.4 119.2#

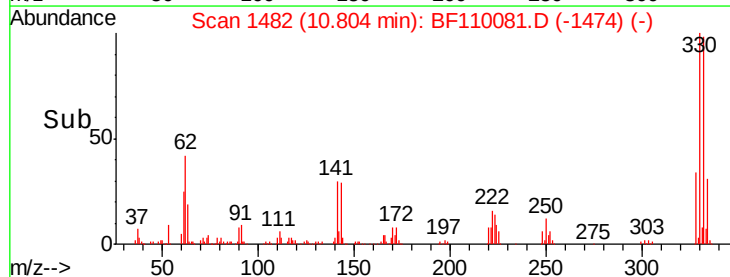
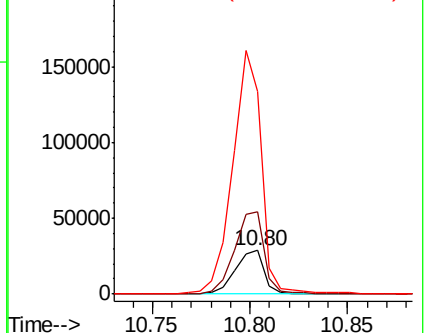
141 468.4 55.9 83.9#

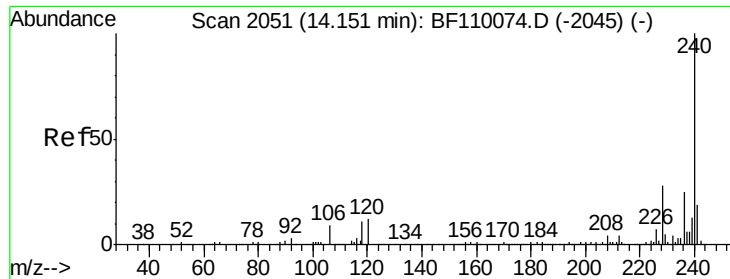


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

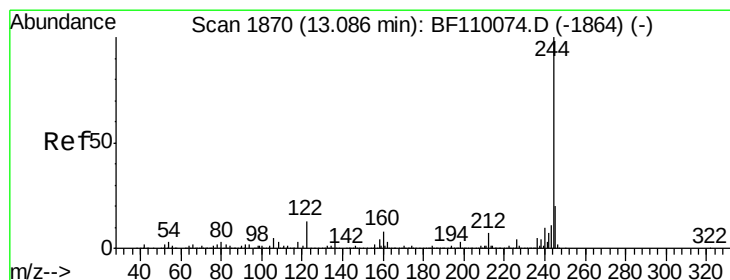
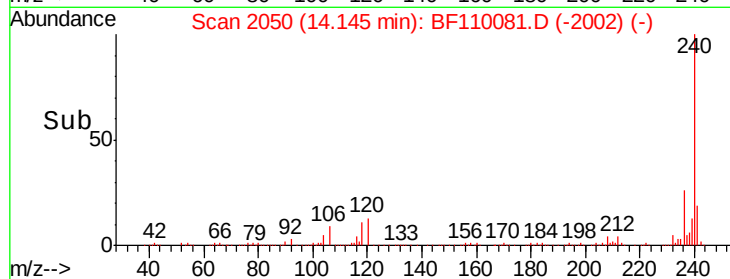
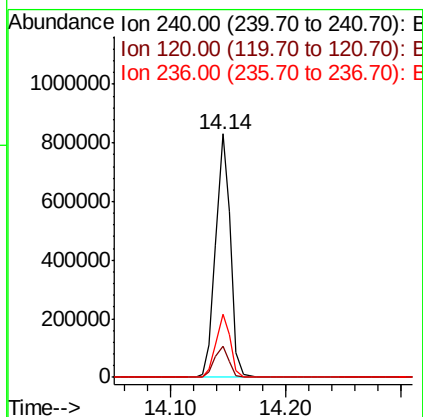
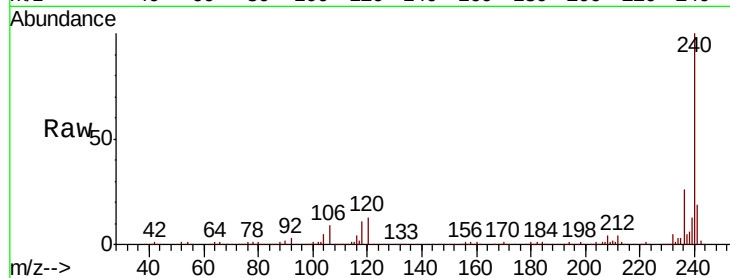




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110081.D
Acq: 23 Oct 2018 16:57

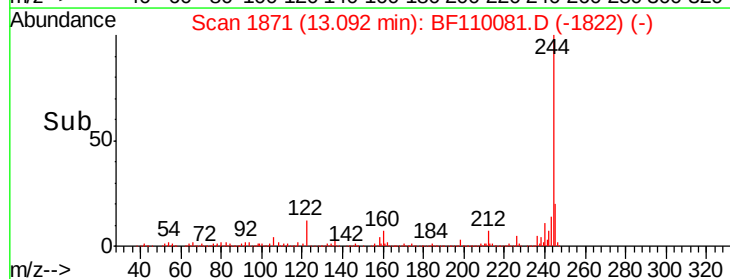
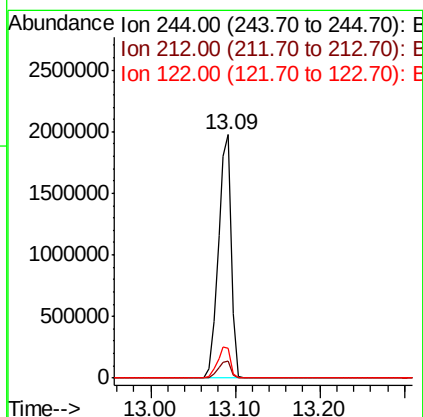
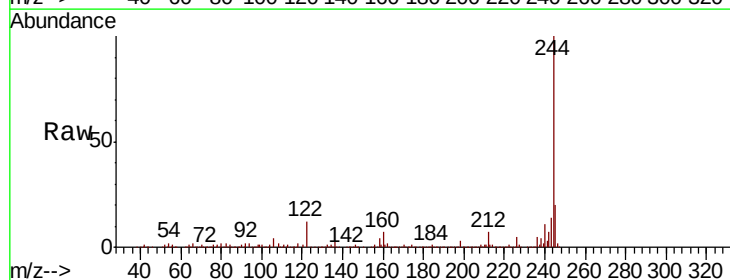
Instrument :
BNA_F
ClientSampled :

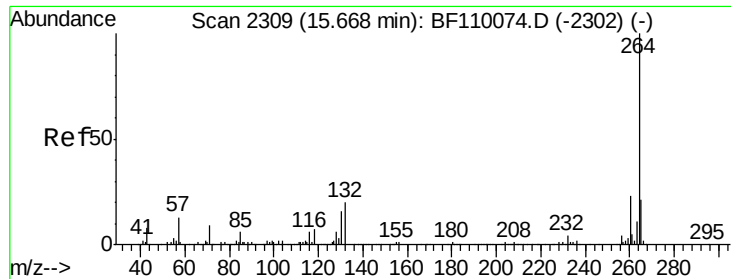
Tot Ion:240 Resp: 732813
Ion Ratio Lower Upper
240 100
120 12.8 8.3 12.5#
236 26.0 21.2 31.8



#79
Terphenyl-d14
Concen: 60.561 ng
RT: 13.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BF110081.D
Acq: 23 Oct 2018 16:57

Tgt Ion:244 Resp: 2133953
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 12.0 8.7 13.1





#87
Pervlène-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. -0.02 min
Lab File: BF110081.D
Acq: 23 Oct 2018 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	650301
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	22.7	16.7	25.1

