

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110137.D
 Acq On : 25 Oct 2018 2:21
 Operator : JU/SJ
 Sample : J5640-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 09:04:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 25 02:28:50 2018
 Response via : Initial Calibration

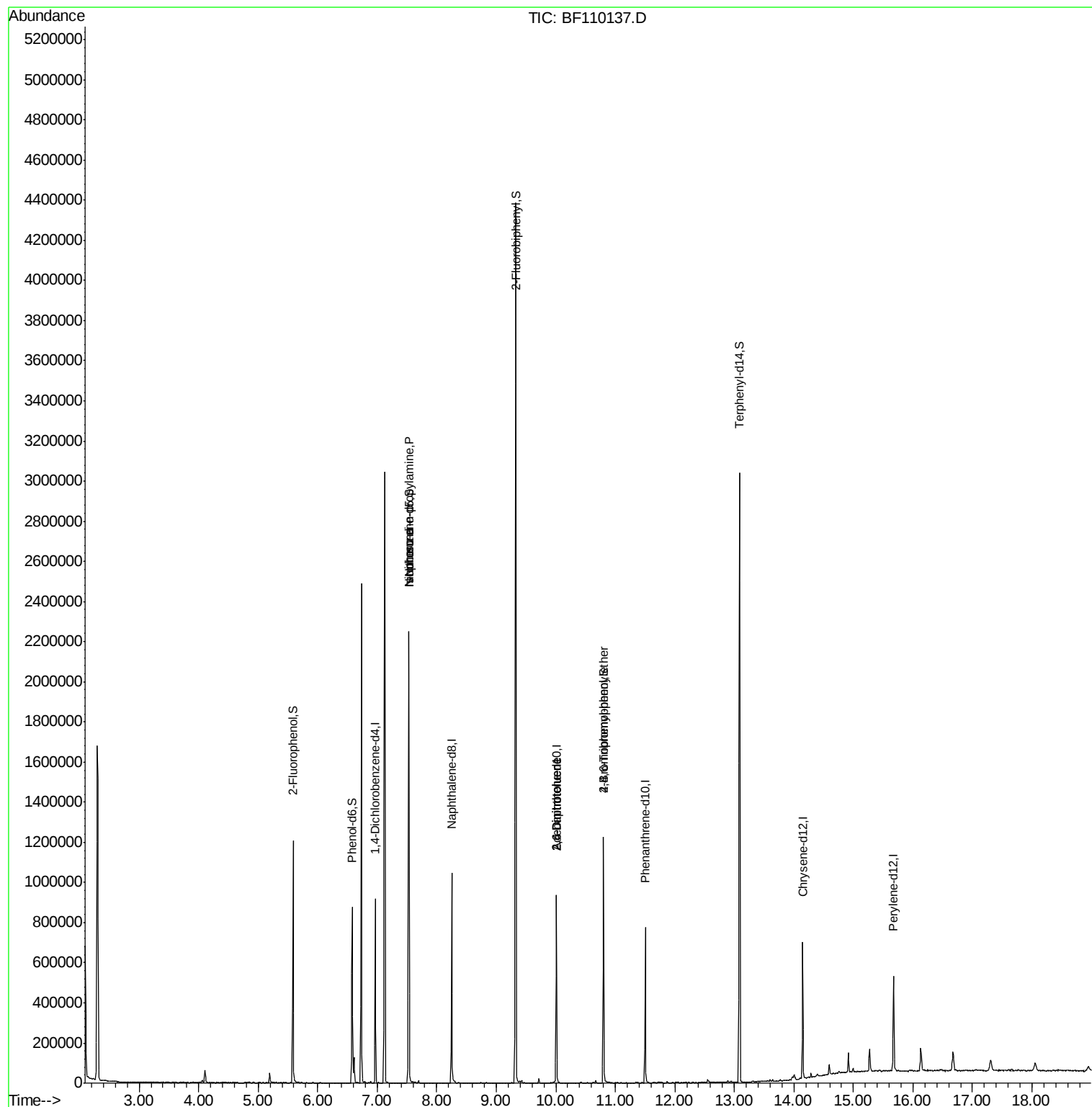
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	130424	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	459123	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	175257	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	283314	20.00	ng	0.00
76) Chrysene-d12	14.15	240	232887	20.00	ng	0.00
87) Perylene-d12	15.67	264	157607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	329340	41.12	ng	0.00
7) Phenol-d6	6.58	99	245163	23.93	ng	0.00
23) Nitrobenzene-d5	7.53	82	762939	98.56	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	138158	79.58	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1288895	115.48	ng	0.00
79) Terphenyl-d14	13.09	244	1025500	91.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	102224	15.554	ng	# 77
25) Isophorone	7.53	82	762932	57.821	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	22305	8.004	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	22305	6.302	ng	# 18
67) 4-Bromophenyl-phenylether	10.80	248	9052	2.946	ng	# 1

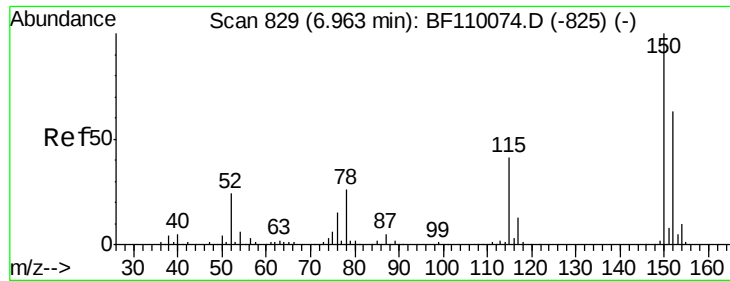
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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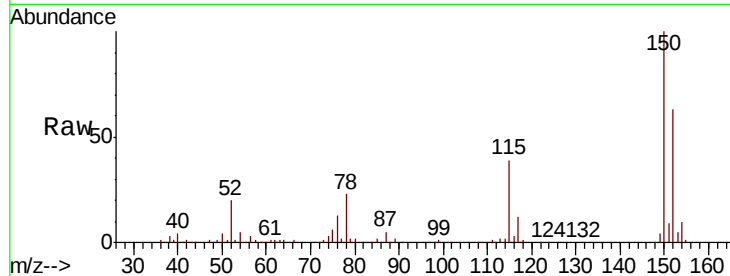


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF110137.D
Acq: 25 Oct 2018 2:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	122.7	184.1
115	61.4	49.1	73.7

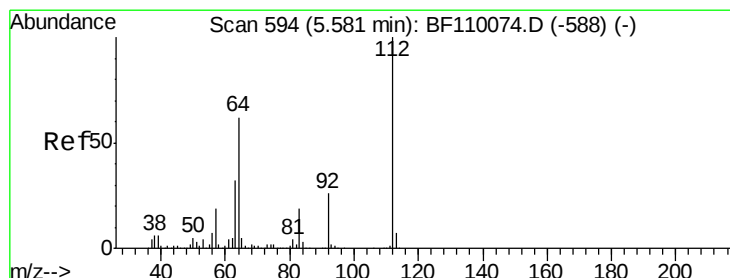
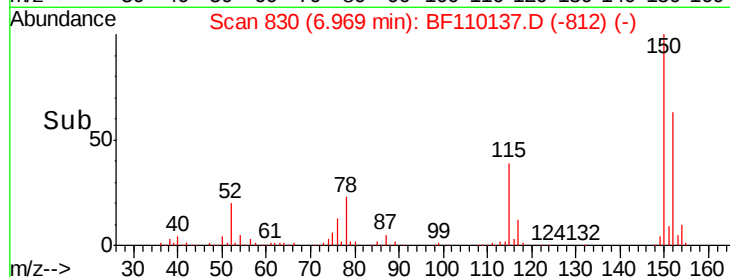
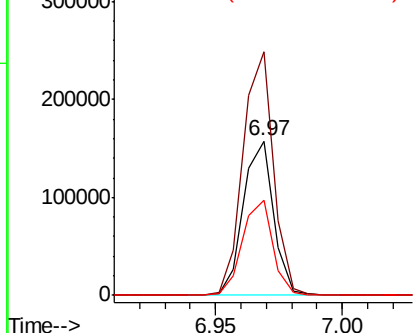


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

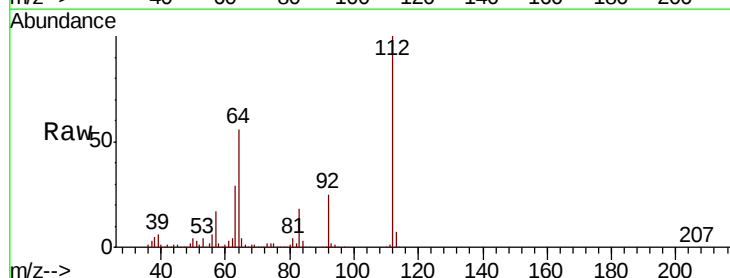
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 41.121 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110137.D
Acq: 25 Oct 2018 2:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	44.1	66.1
63	29.4	23.7	35.5

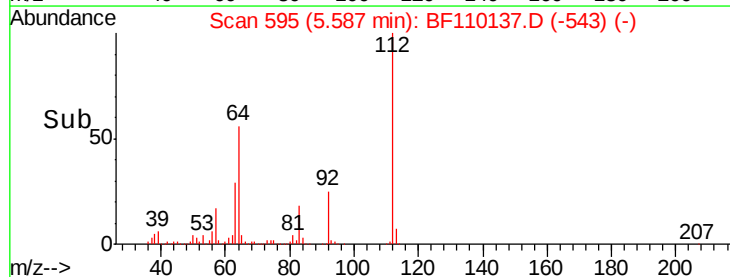
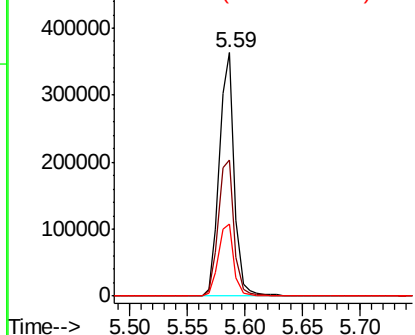


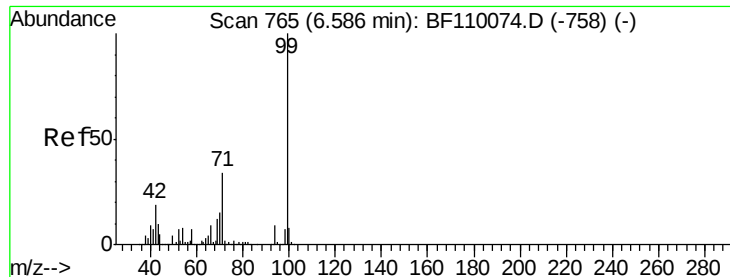
Abundance

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: 23.932 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110137.D

Acq: 25 Oct 2018 2:21

Instrument :

BNA_F

ClientSampleId :

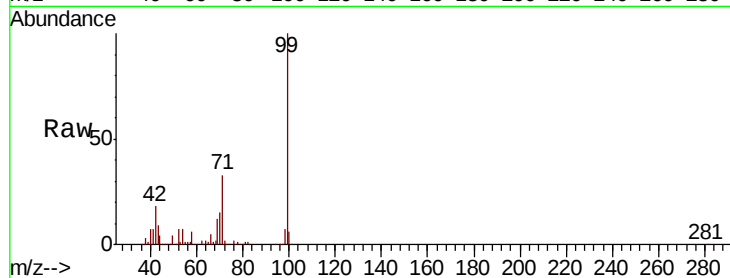
Tot Ion: 99 Resp: 245163

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

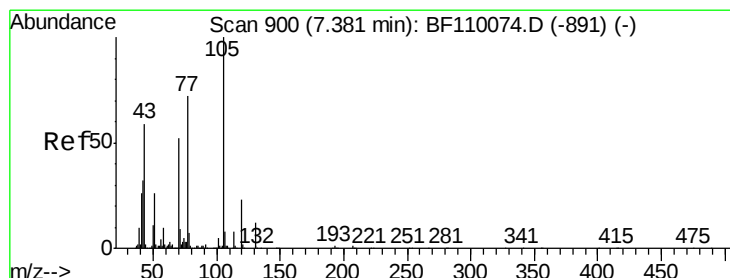
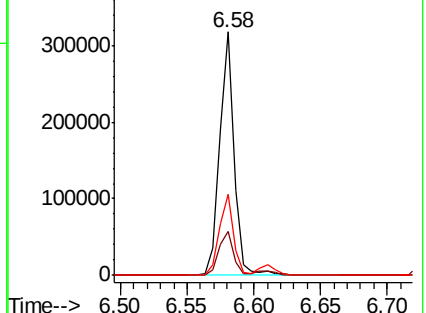
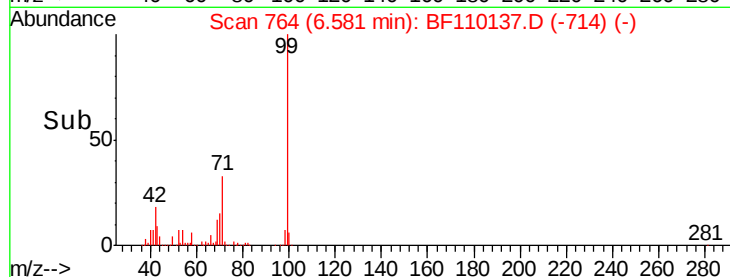
71 33.4 28.0 42.0



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: 15.554 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.16 min

Lab File: BF110137.D

Acq: 25 Oct 2018 2:21

Tgt Ion: 70 Resp: 102224

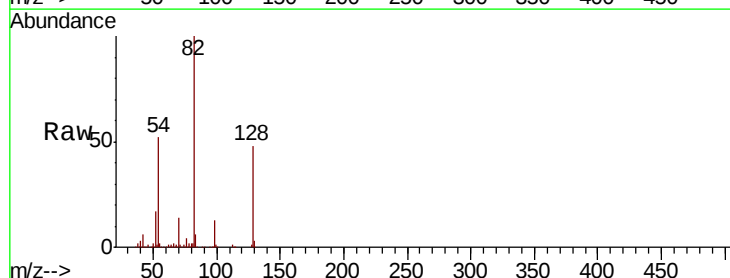
Ion Ratio Lower Upper

70 100

42 46.9 47.4 71.2#

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

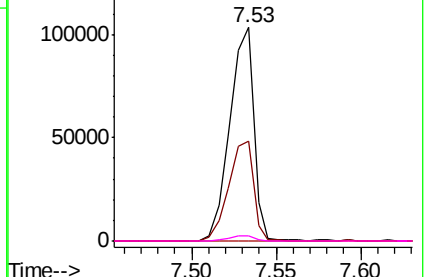
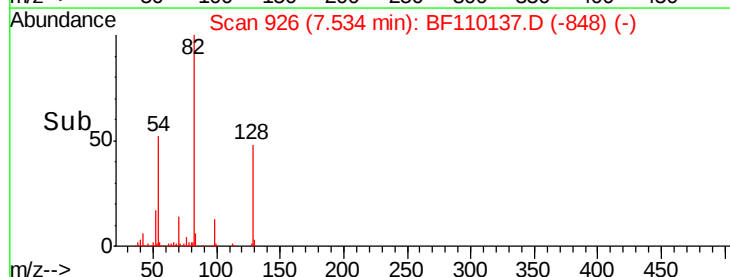


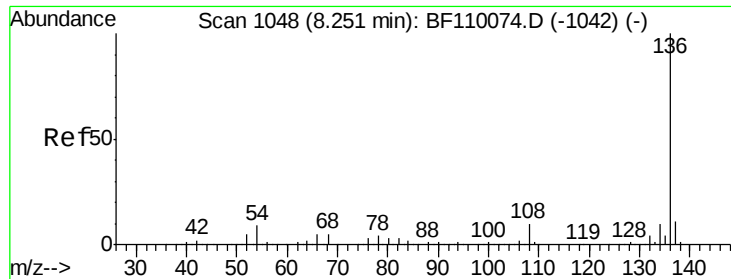
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

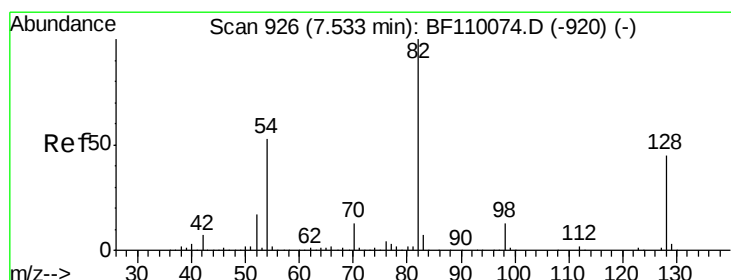
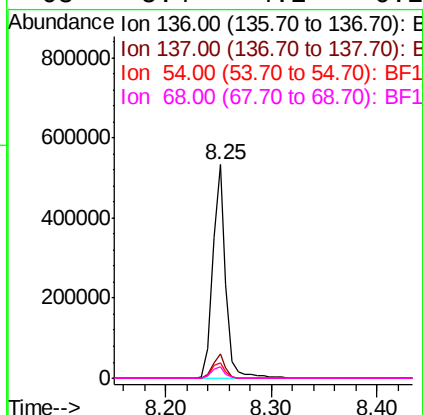
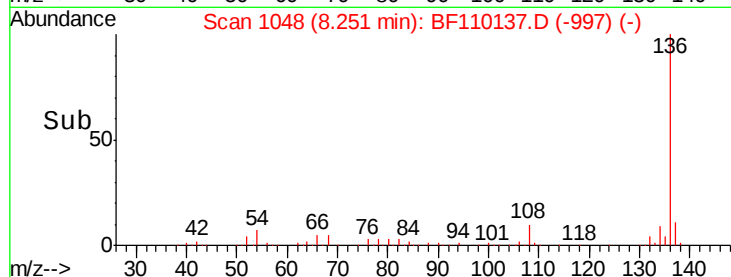
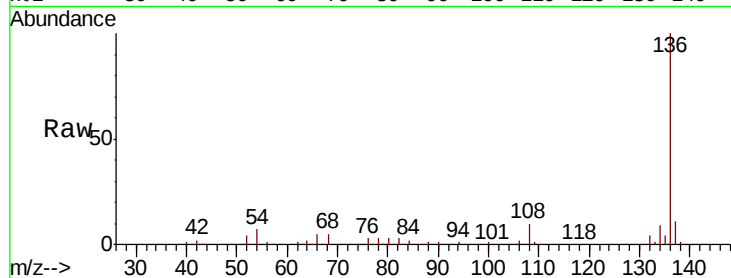




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110137.D
Acq: 25 Oct 2018 2:21

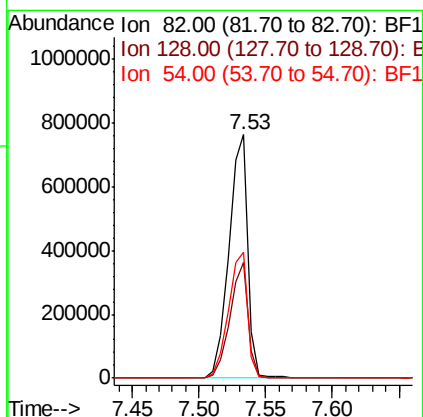
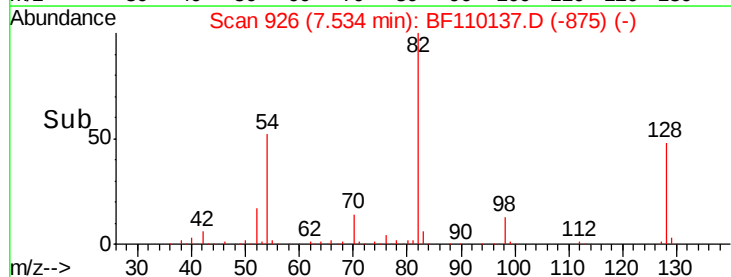
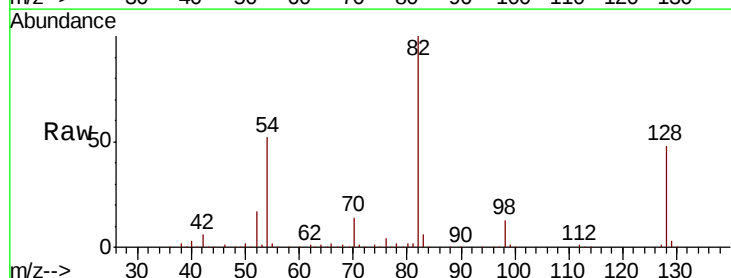
Instrument :
BNA_F
ClientSampleId :

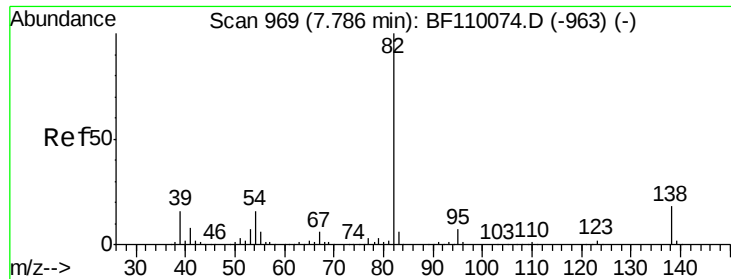
Tot Ion:136	Resp:	459123
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.8 13.2
54	7.5	5.4 8.2
68	5.4	4.2 6.2



#23
Nitrobenzene-d5
Concen: 98.563 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110137.D
Acq: 25 Oct 2018 2:21

Tgt Ion: 82	Resp:	762939
Ion Ratio	Lower	Upper
82	100	
128	47.7	34.2 51.2
54	51.6	38.6 58.0





#25

Isophorone

Concen: 57.821 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.25 min

Lab File: BF110137.D

Acq: 25 Oct 2018 2:21

Instrument :

BNA_F

ClientSampleId :

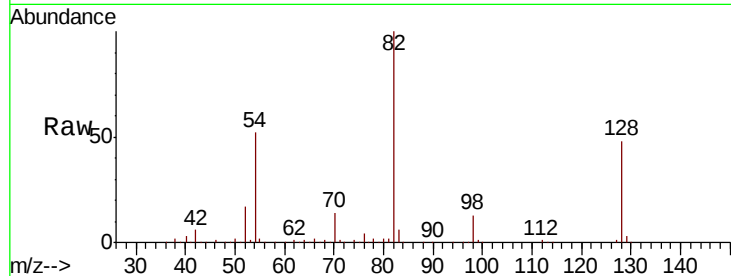
Tot Ion: 82 Resp: 762932

Ion Ratio Lower Upper

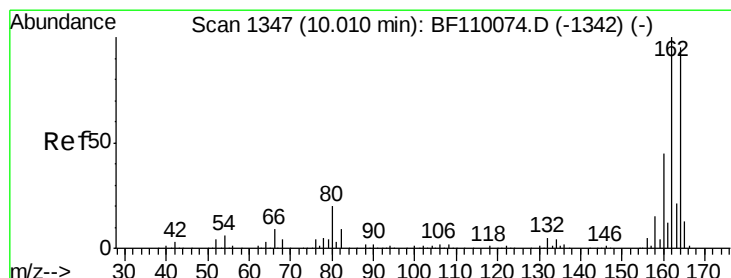
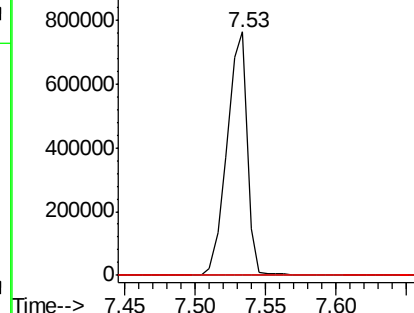
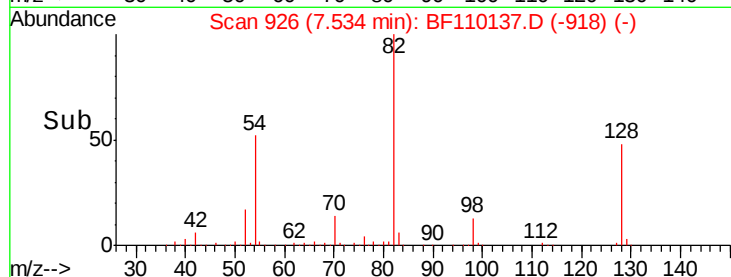
82 100

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. 0.00 min

Lab File: BF110137.D

Acq: 25 Oct 2018 2:21

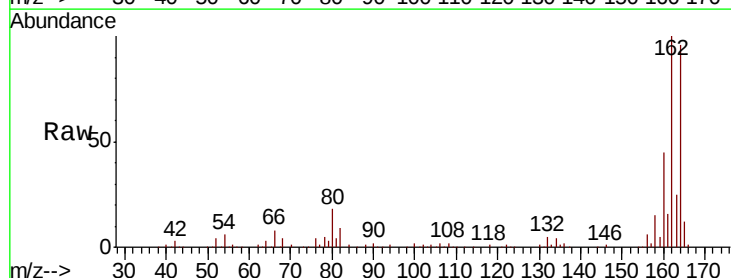
Tgt Ion: 164 Resp: 175257

Ion Ratio Lower Upper

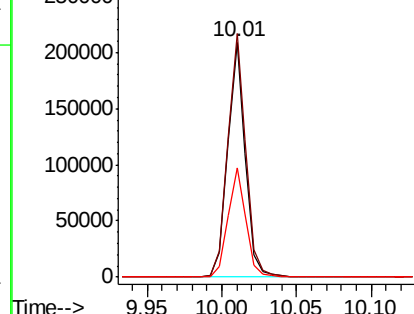
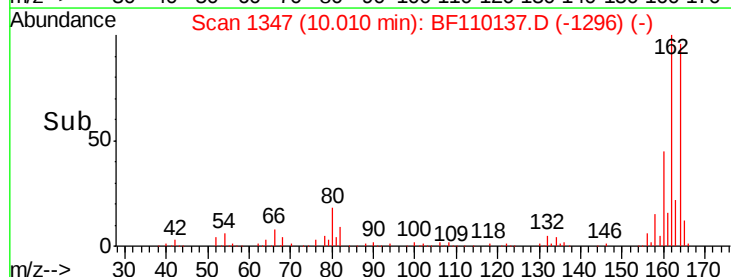
164 100

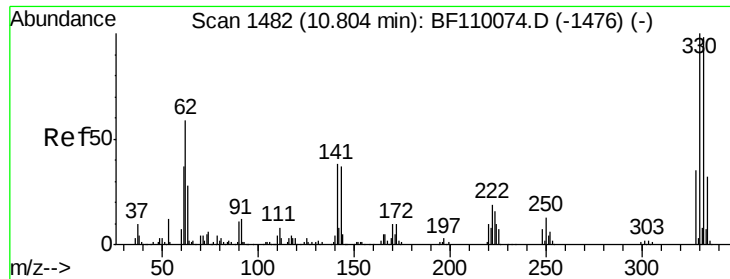
162 103.7 83.0 124.6

160 46.8 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: 79.582 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF110137.D

Acq: 25 Oct 2018 2:21

Instrument :

BNA_F

ClientSampleId :

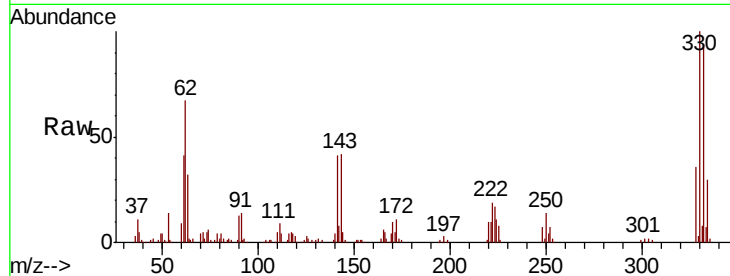
Tot Ion:330 Resp: 138158

Ion Ratio Lower Upper

330 100

332 94.6 77.1 115.7

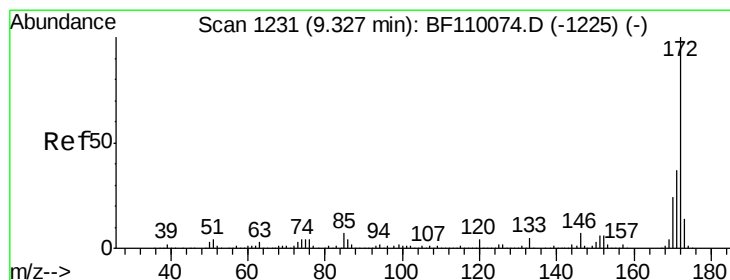
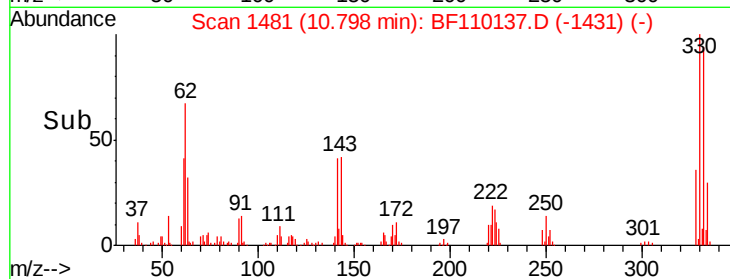
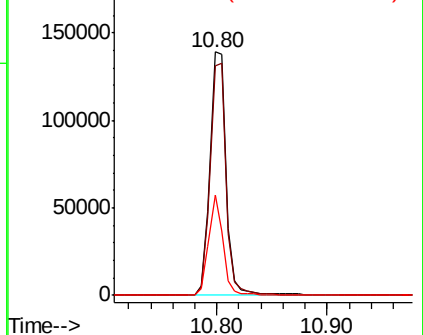
141 35.9 27.0 40.4



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: 115.482 ng

RT: 9.33 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF110137.D

Acq: 25 Oct 2018 2:21

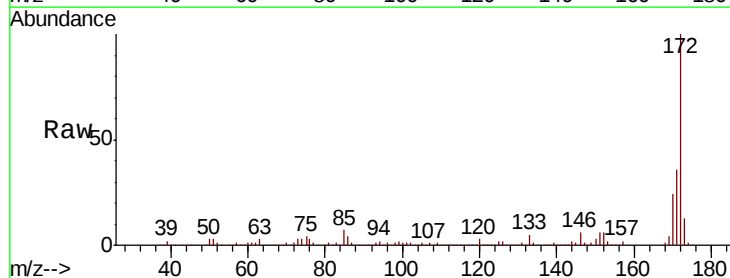
Tgt Ion:172 Resp: 1288895

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

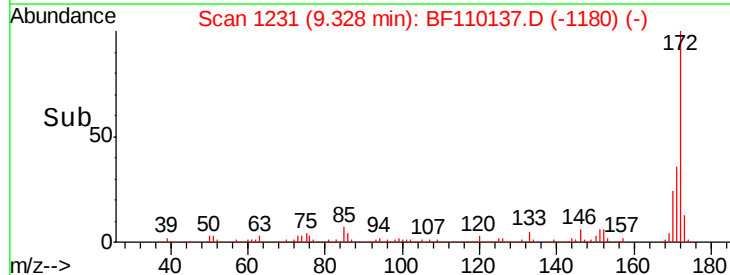
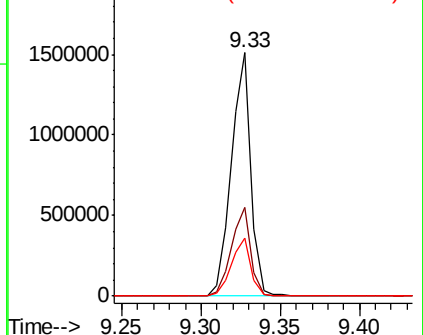
170 24.1 19.7 29.5

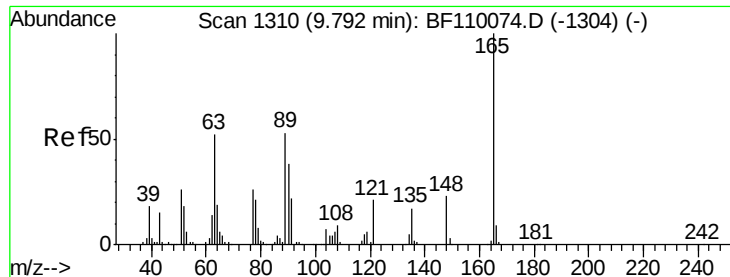


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 8.004 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.22 min

Lab File: BF110137.D

Acq: 25 Oct 2018 2:21

Instrument :

BNA_F

ClientSampleId :

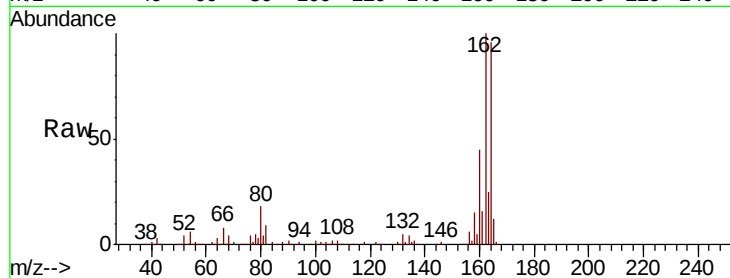
Tot Ion:165 Resp: 22305

Ion Ratio Lower Upper

165 100

63 1.3 48.9 73.3#

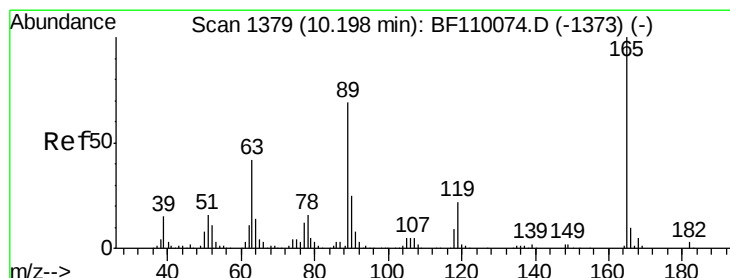
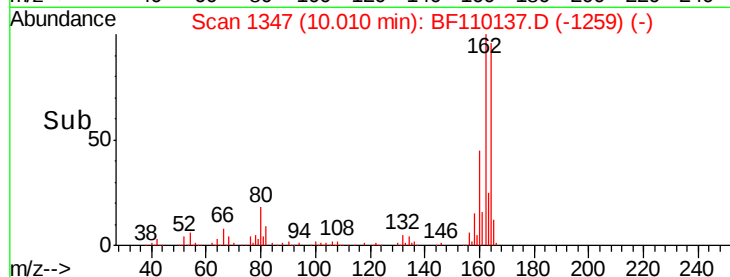
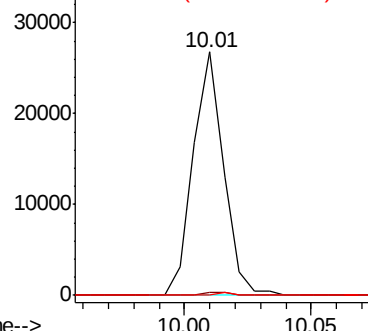
89 0.0 46.6 69.8#



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: 6.302 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.18 min

Lab File: BF110137.D

Acq: 25 Oct 2018 2:21

Tgt Ion:165 Resp: 22305

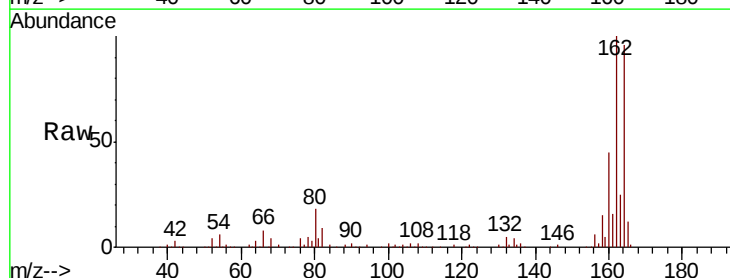
Ion Ratio Lower Upper

165 100

63 1.3 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

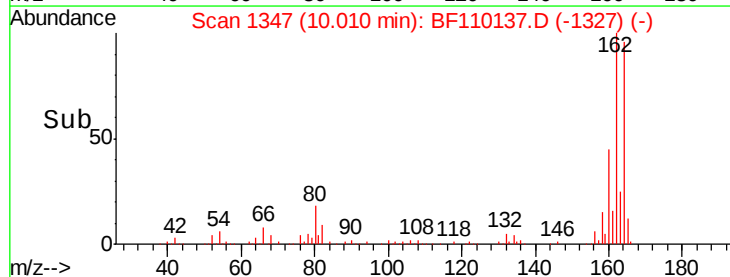
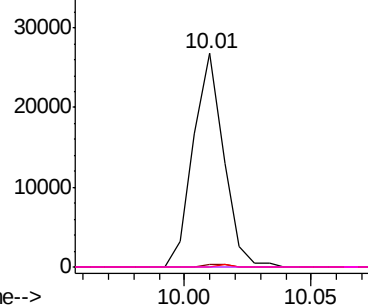


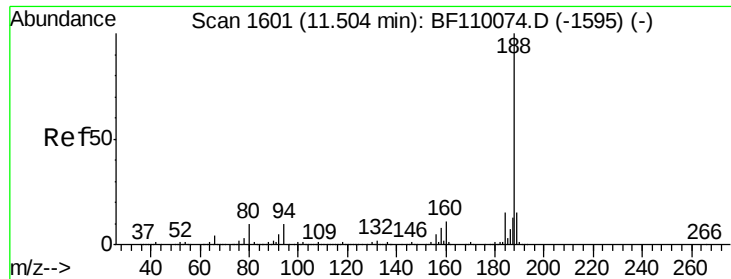
Abundance Ion 165.00 (164.70 to 165.70): E

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

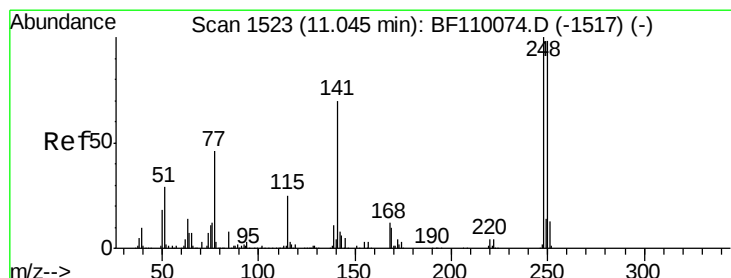
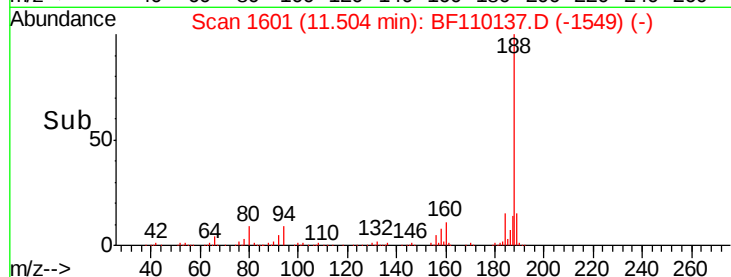
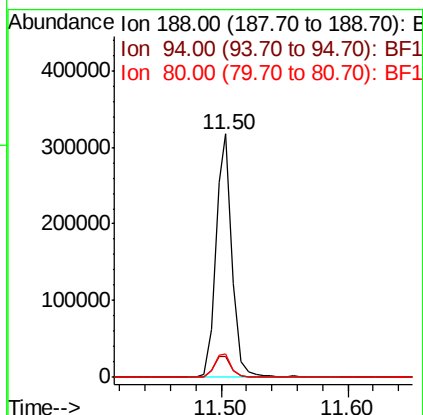
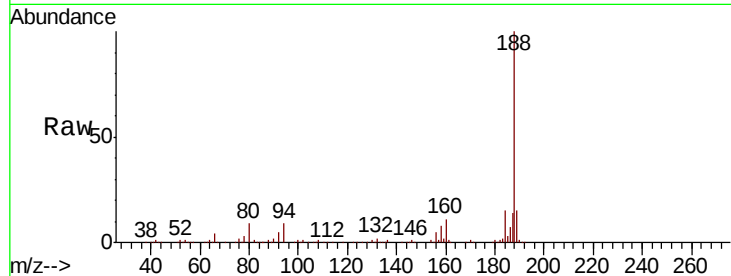




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BF110137.D
 Acq: 25 Oct 2018 2:21

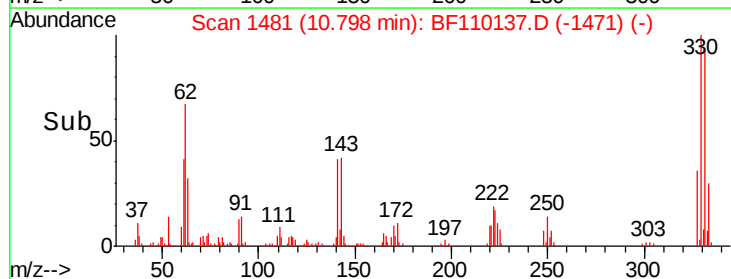
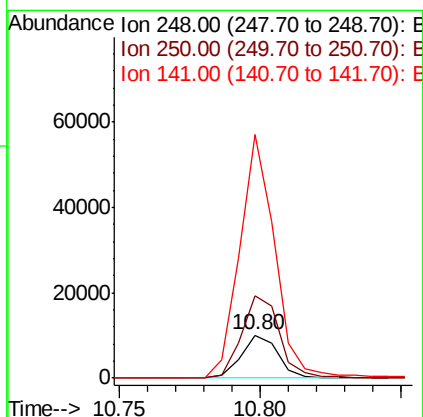
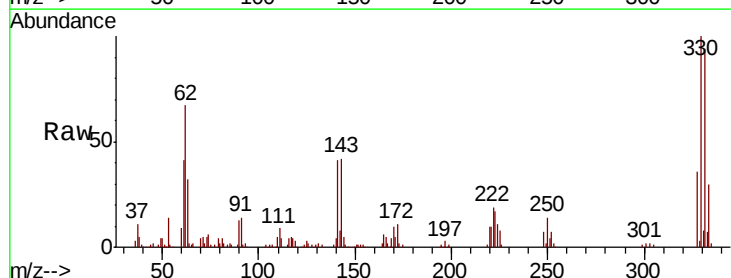
Instrument :
 BNA_F
 ClientSampleId :

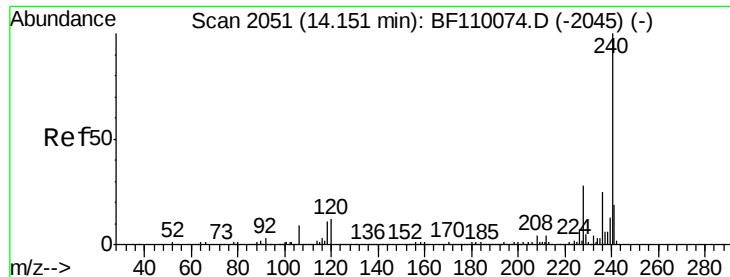
Tot Ion:188 Resp: 283314
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.2 10.8
 80 9.4 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 2.946 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.24 min
 Lab File: BF110137.D
 Acq: 25 Oct 2018 2:21

Tgt Ion:248 Resp: 9052
 Ion Ratio Lower Upper
 248 100
 250 191.3 79.4 119.2#
 141 563.6 55.9 83.9#

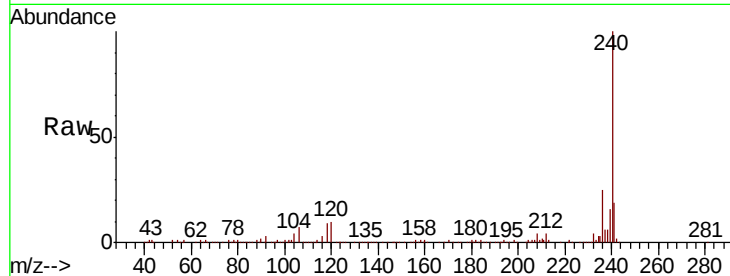




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF110137.D
Acq: 25 Oct 2018 2:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.3	12.5
236	24.9	21.2	31.8

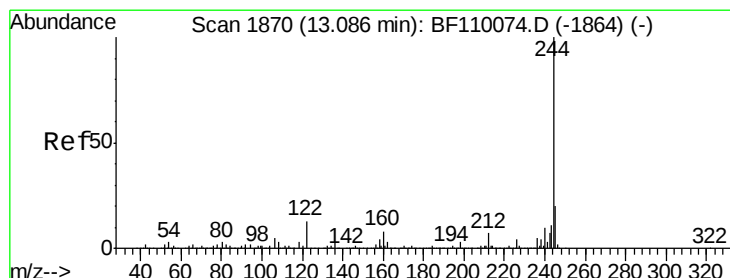
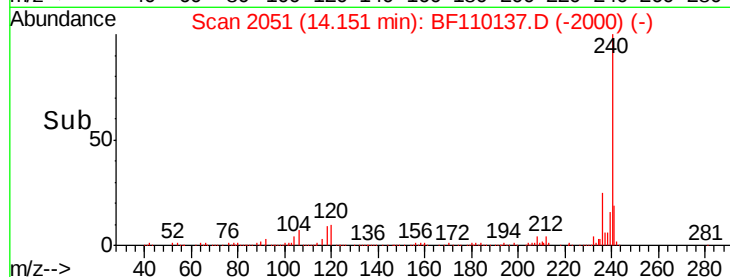
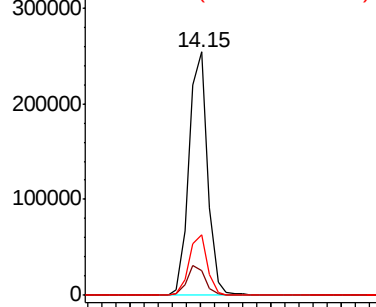


Abundance

Ion 240.00 (239.70 to 240.70): E

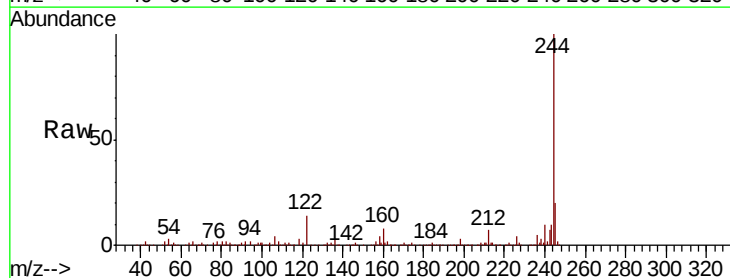
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79
Terphenyl-d14
Concen: 91.578 ng
RT: 13.09 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BF110137.D
Acq: 25 Oct 2018 2:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.5	8.7	13.1#

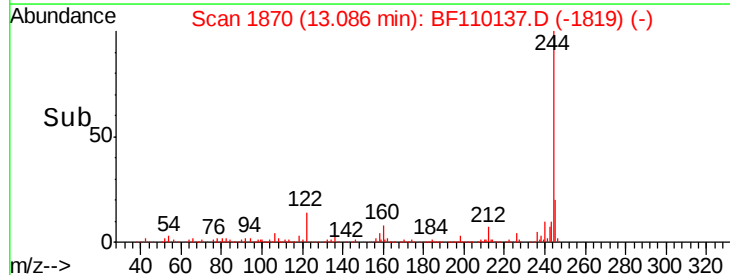
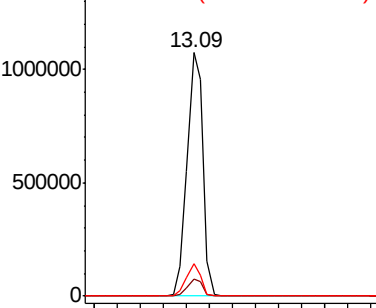


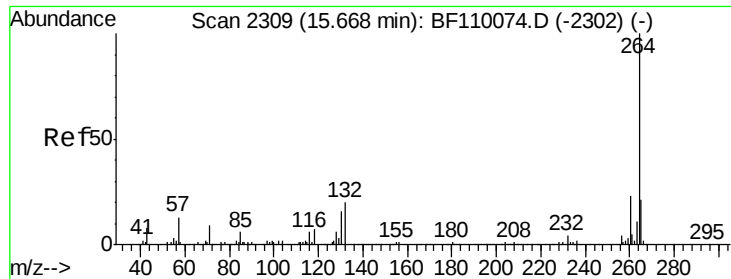
Abundance

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

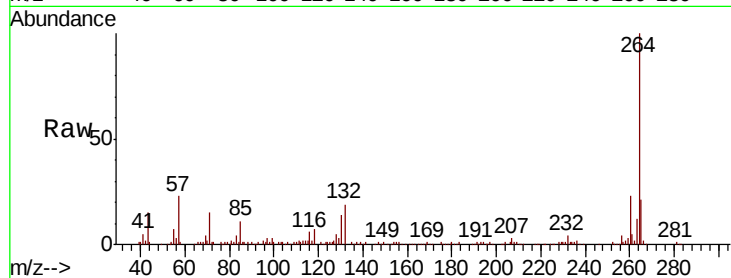




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. 0.01 min
 Lab File: BF110137.D
 Acq: 25 Oct 2018 2:21

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.4	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

