

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110397.D
 Acq On : 2 Nov 2018 7:44
 Operator : JU/SJ
 Sample : J5741-62
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:37:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	80441	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	311111	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	129998	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	212869	20.00	ng	0.00
76) Chrysene-d12	14.13	240	164454	20.00	ng	0.00
87) Perylene-d12	15.66	264	135936	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	482044	97.59	ng	0.01
7) Phenol-d6	6.58	99	535139	84.70	ng	0.00
23) Nitrobenzene-d5	7.52	82	441649	84.20	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	144461	112.18	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	785328	94.86	ng	0.00
79) Terphenyl-d14	13.07	244	653145	82.60	ng	0.00

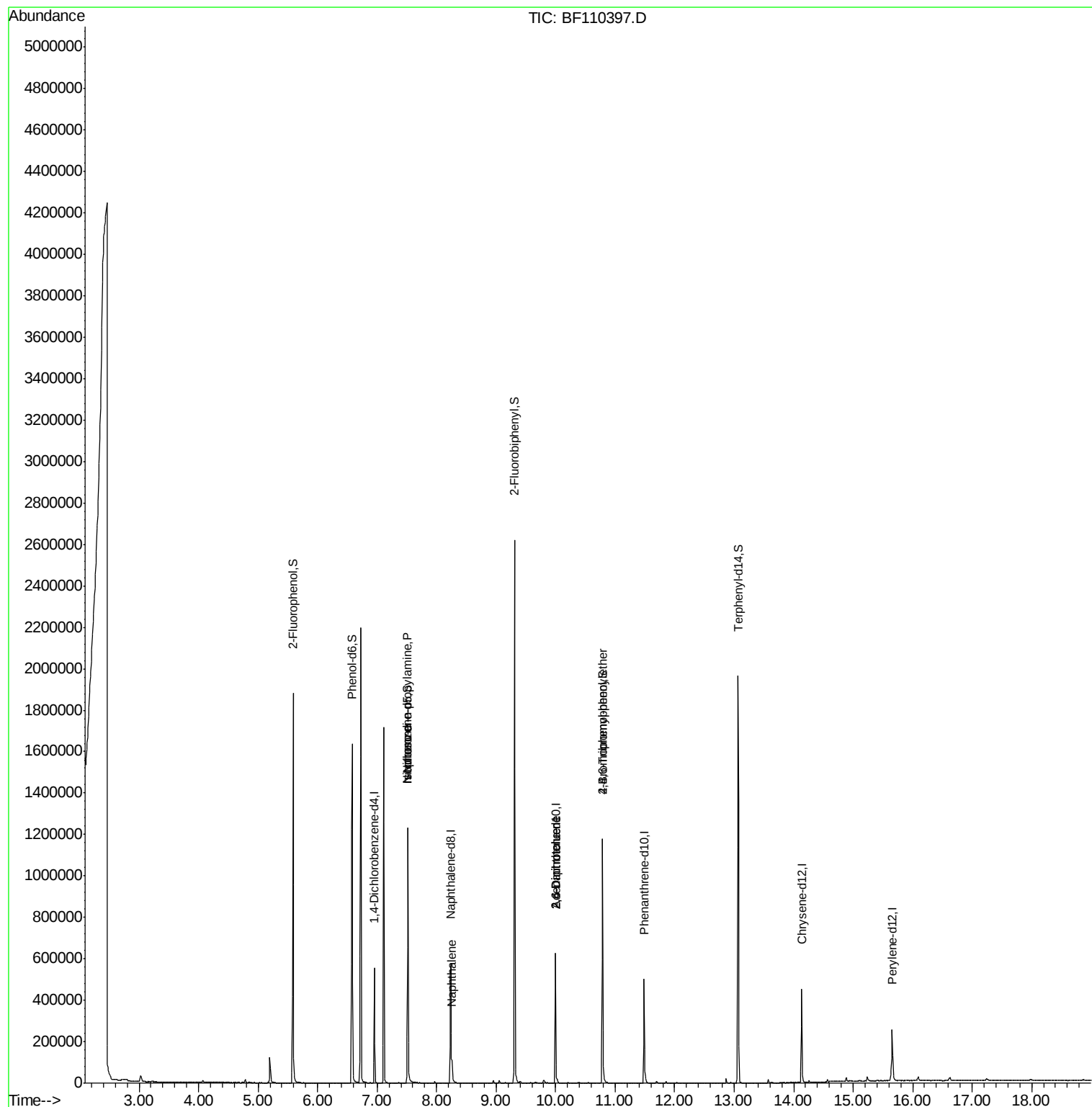
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.58	77	825	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.52	70	57953	14.297	ng	# 82
25) Isophorone	7.52	82	441646	49.395	ng	# 67
31) Naphthalene	8.26	128	60645	4.229	ng	# 99
51) 2,6-Dinitrotoluene	10.00	165	16190	7.832	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	16190	6.166	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	8870	3.841	ng	# 1

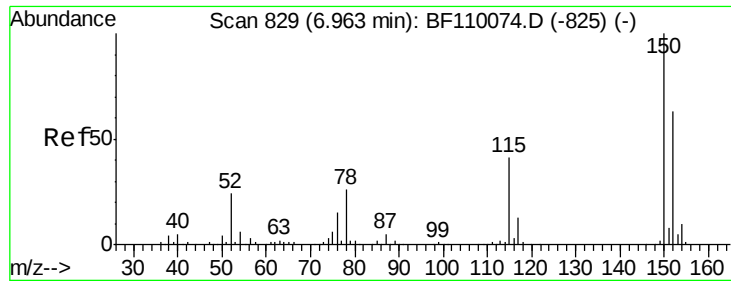
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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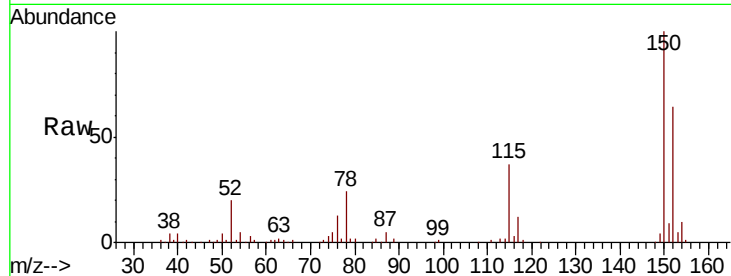


#1

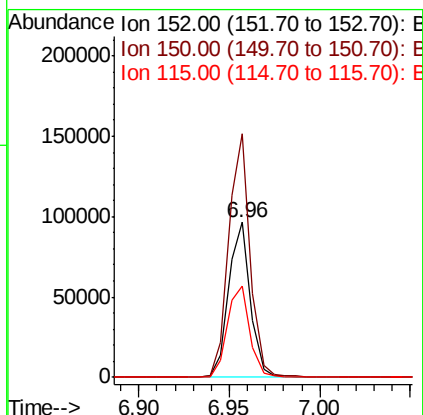
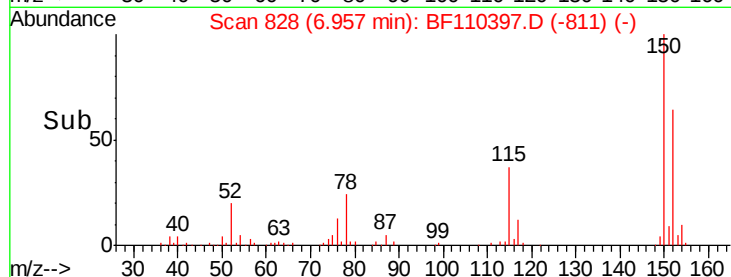
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110397.D
 Acq: 2 Nov 2018 7:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 80441
 Ion Ratio Lower Upper
 152 100
 150 157.4 122.7 184.1
 115 58.7 49.1 73.7



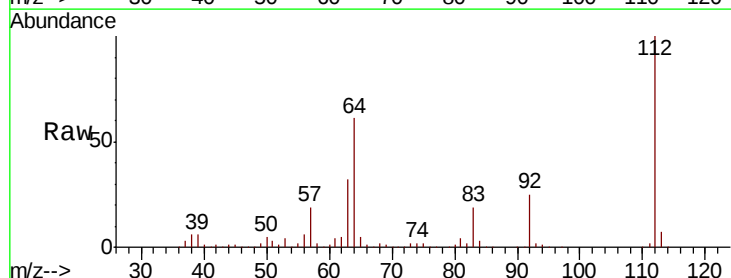
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



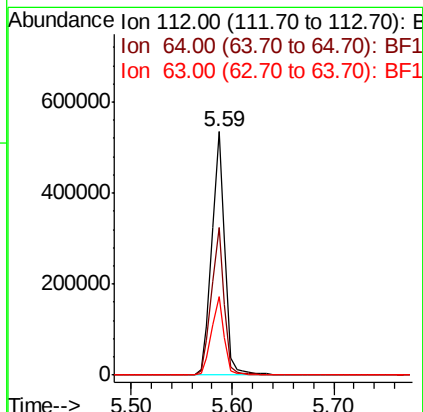
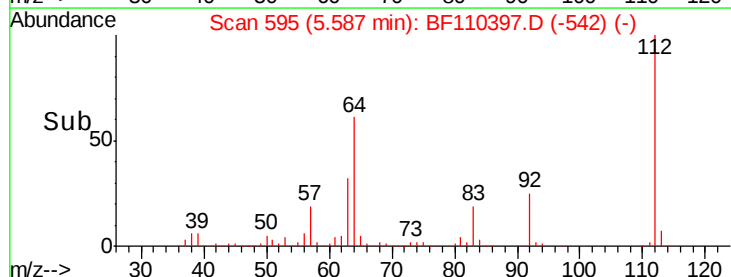
#5

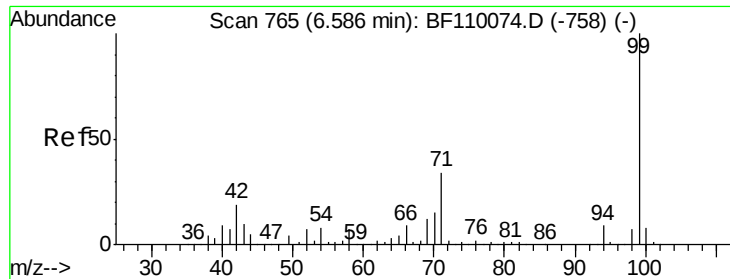
2-Fluorophenol
 Concen: 97.585 ng
 RT: 5.59 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF110397.D
 Acq: 2 Nov 2018 7:44

Tgt Ion:112 Resp: 482044
 Ion Ratio Lower Upper
 112 100
 64 60.8 44.1 66.1
 63 32.2 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: 84.697 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110397.D

Acq: 2 Nov 2018 7:44

Instrument :

BNA_F

ClientSampleId :

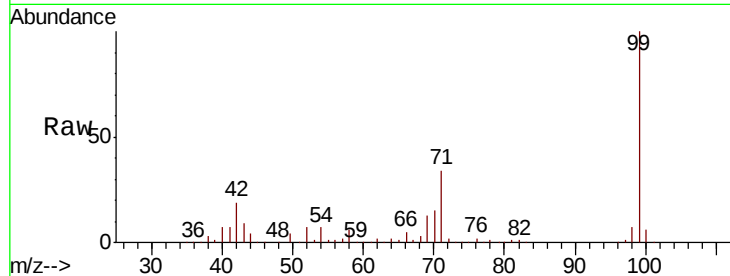
Tot Ion: 99 Resp: 535139

Ion Ratio Lower Upper

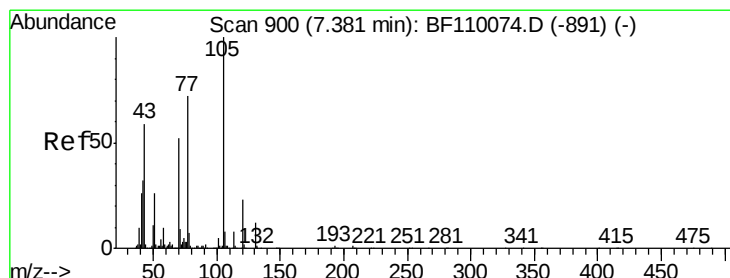
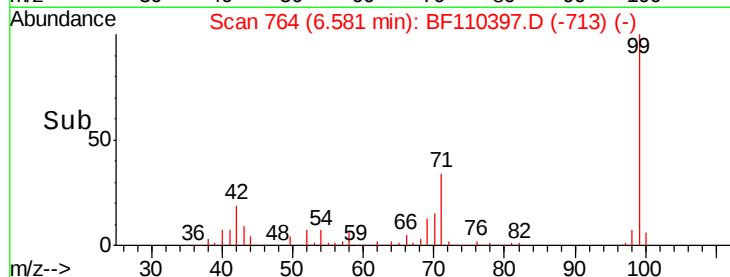
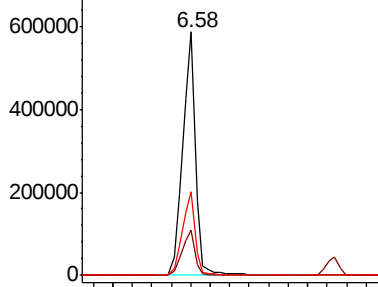
99 100

42 18.6 15.8 23.6

71 34.4 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: 14.297 ng

RT: 7.52 min Scan# 923

Delta R.T. 0.15 min

Lab File: BF110397.D

Acq: 2 Nov 2018 7:44

Tgt Ion: 70 Resp: 57953

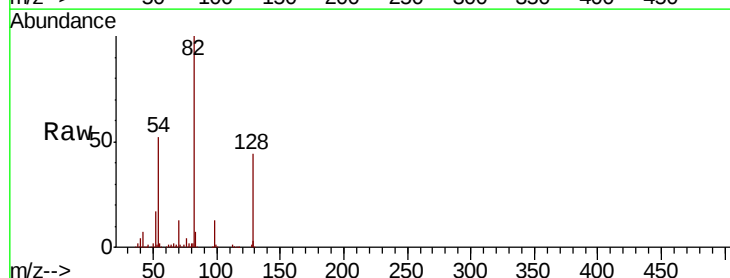
Ion Ratio Lower Upper

70 100

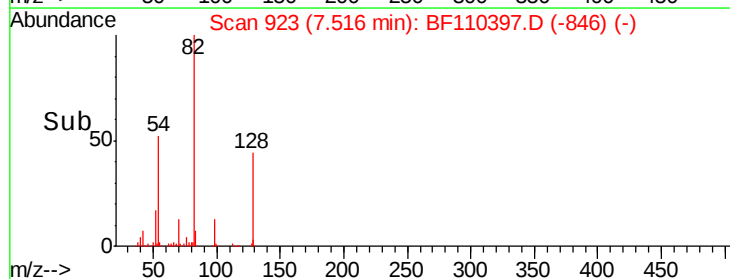
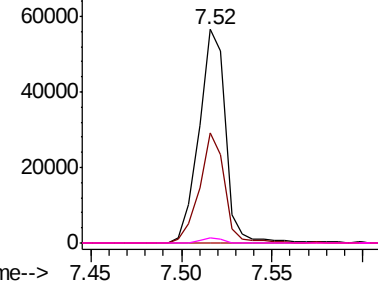
42 51.5 47.4 71.2

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

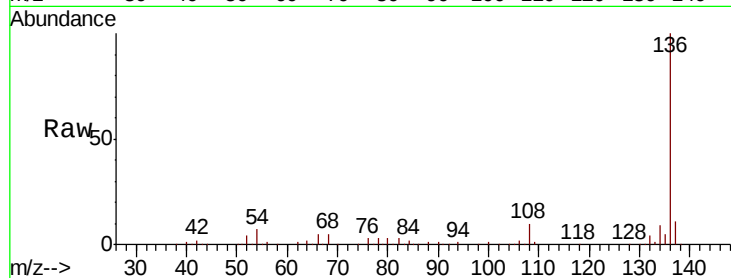




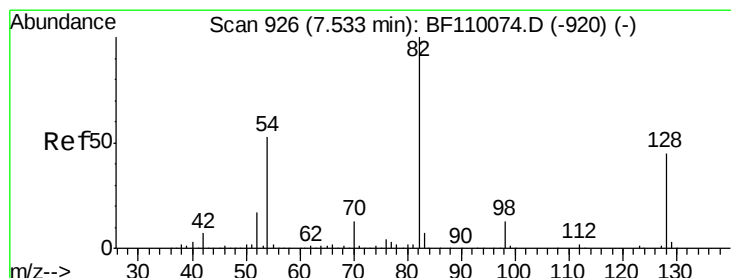
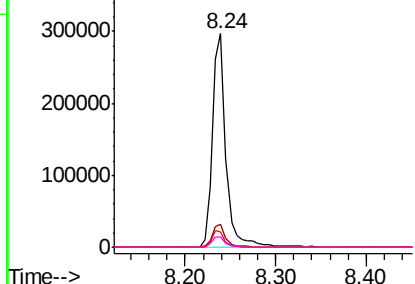
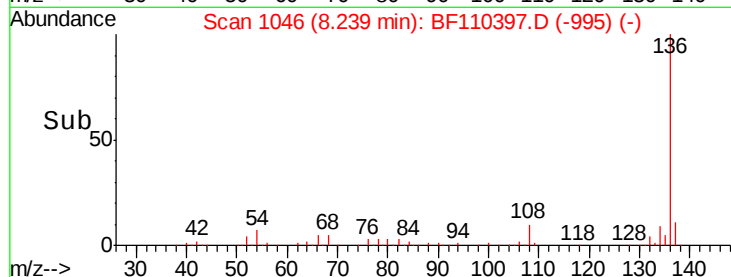
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110397.D
Acq: 2 Nov 2018 7:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	311111
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.8 13.2
54	7.1	5.4 8.2
68	4.8	4.2 6.2

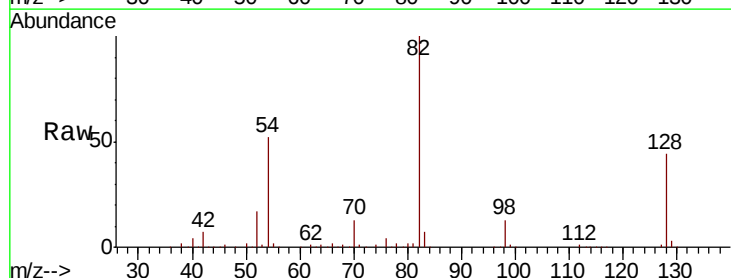


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

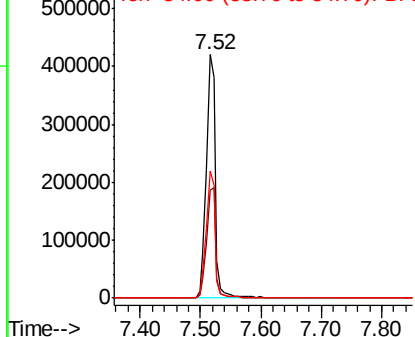
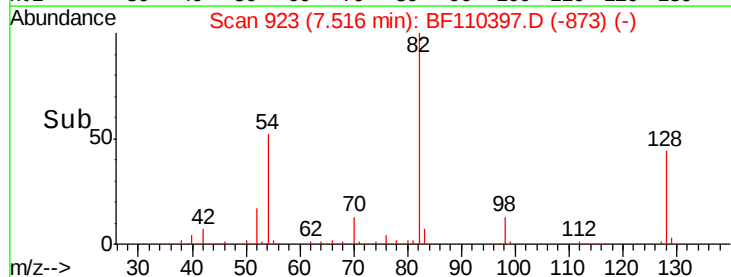


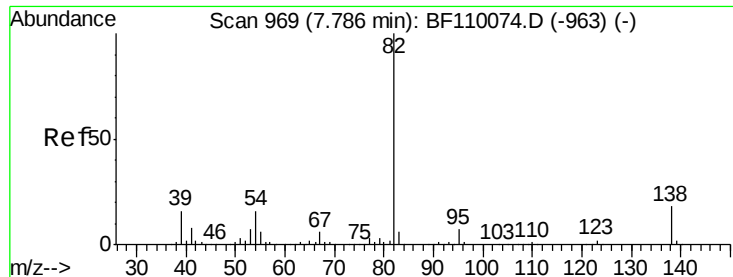
#23
Nitrobenzene-d5
Concen: 84.200 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110397.D
Acq: 2 Nov 2018 7:44

Tgt Ion: 82	Resp:	441649
Ion Ratio	Lower	Upper
82	100	
128	44.2	34.2 51.2
54	52.3	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

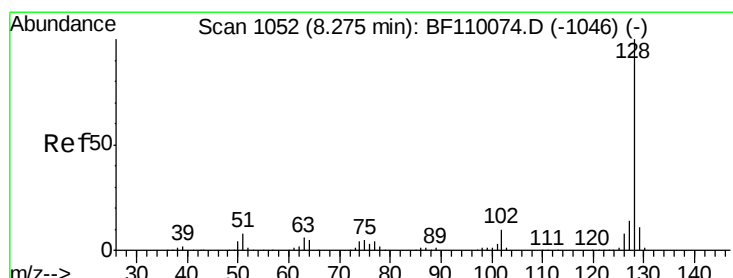
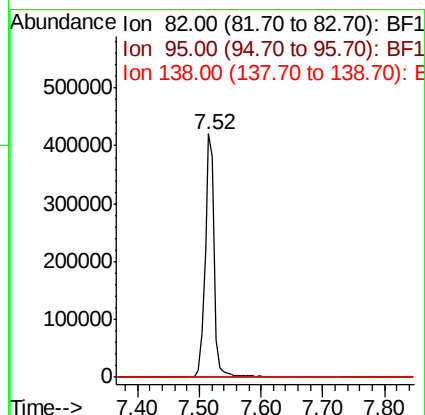
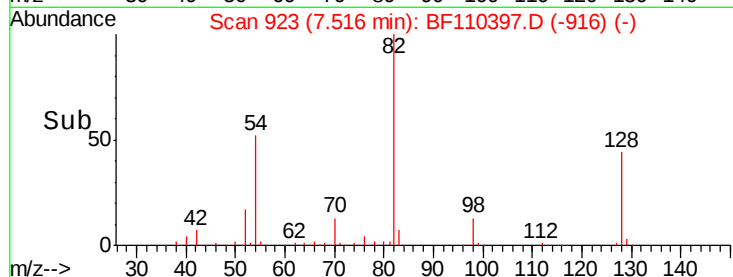
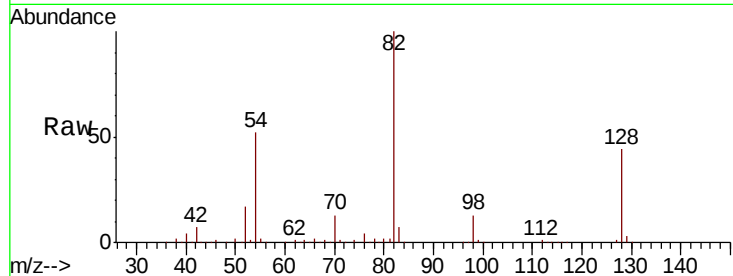




#25
Isophorone
Concen: 49.395 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110397.D
Acq: 2 Nov 2018 7:44

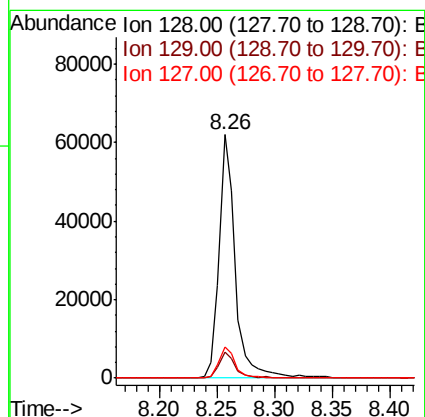
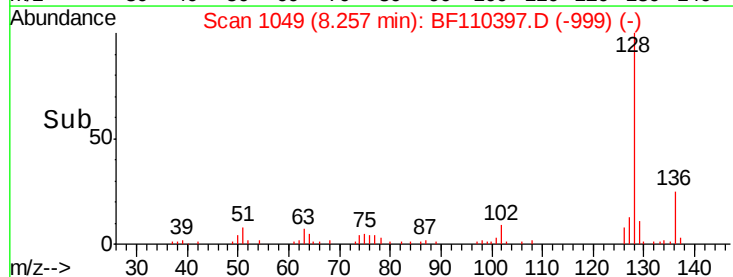
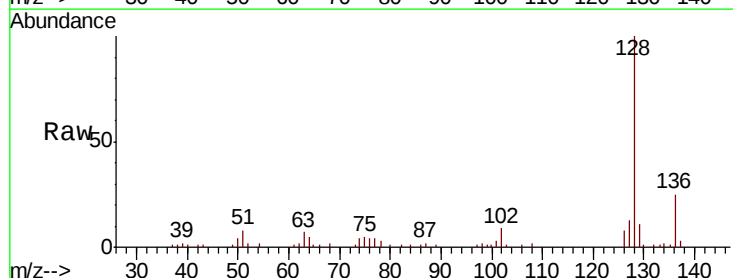
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 441646
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#31
Naphthalene
Concen: 4.229 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF110397.D
Acq: 2 Nov 2018 7:44

Tgt Ion: 128 Resp: 60645
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.0 10.8 16.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110397.D

Acq: 2 Nov 2018 7:44

Instrument :

BNA_F

ClientSampleId :

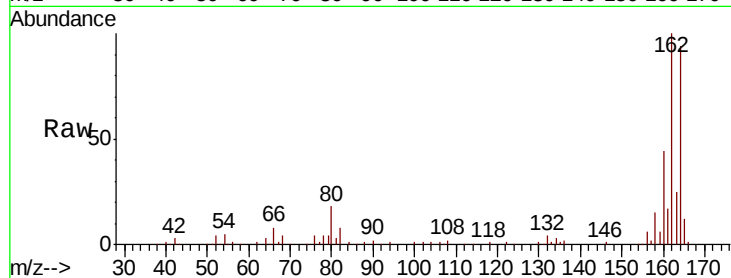
Tot Ion:164 Resp: 129998

Ion Ratio Lower Upper

164 100

162 106.7 83.0 124.6

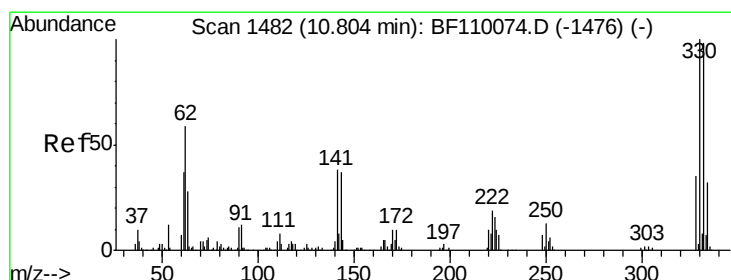
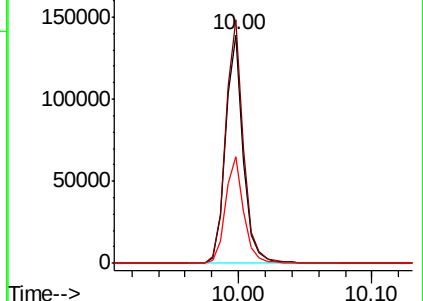
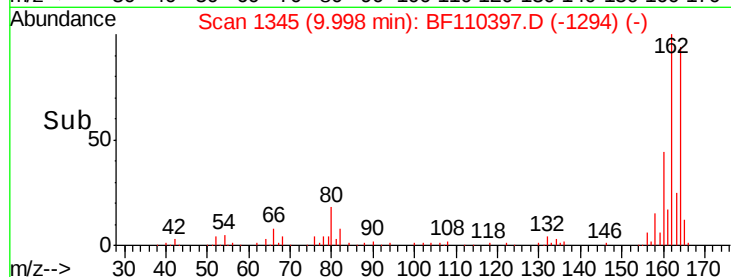
160 47.0 37.0 55.6



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: 112.184 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110397.D

Acq: 2 Nov 2018 7:44

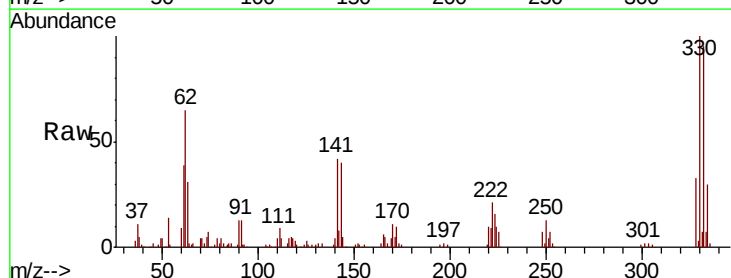
Tgt Ion:330 Resp: 144461

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

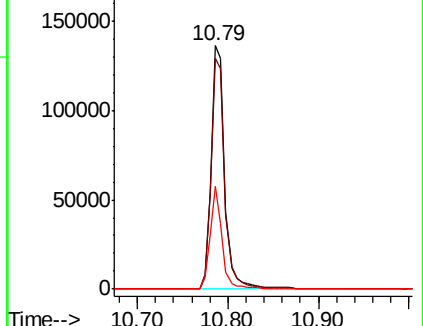
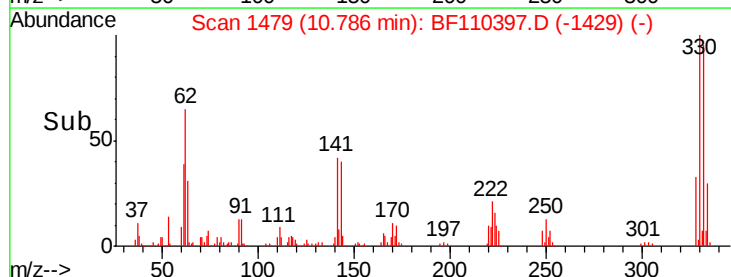
141 37.2 27.0 40.4



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

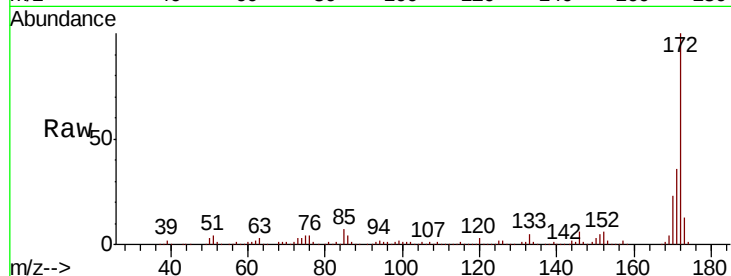




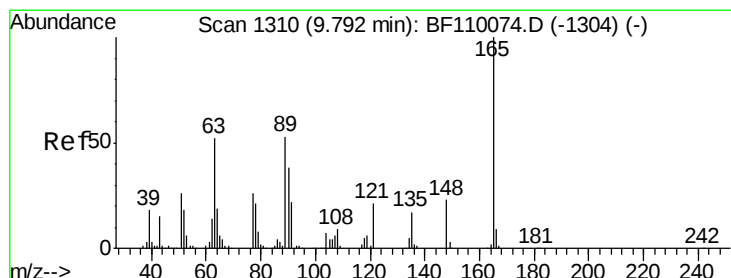
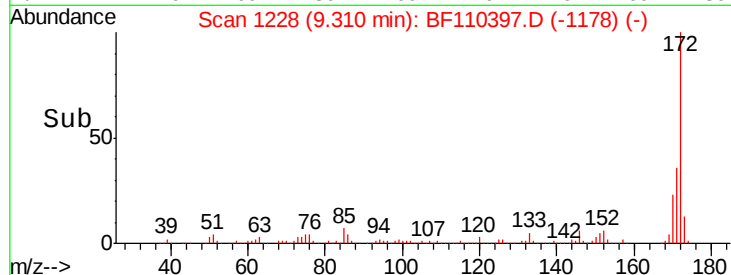
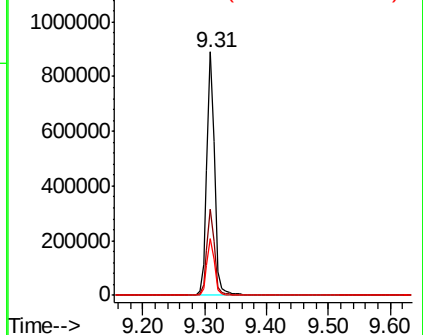
#45
 2-Fluorobiphenyl
 Concen: 94.861 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110397.D
 Acq: 2 Nov 2018 7:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 785328
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.6 43.0
 170 23.4 19.7 29.5

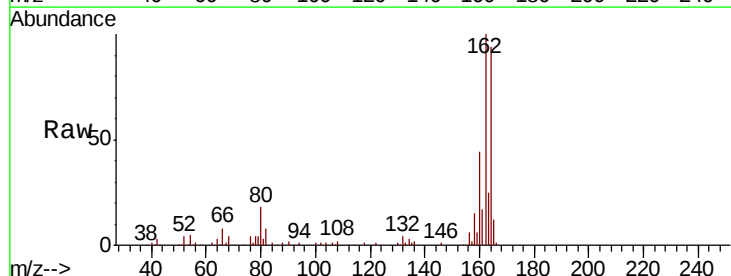


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

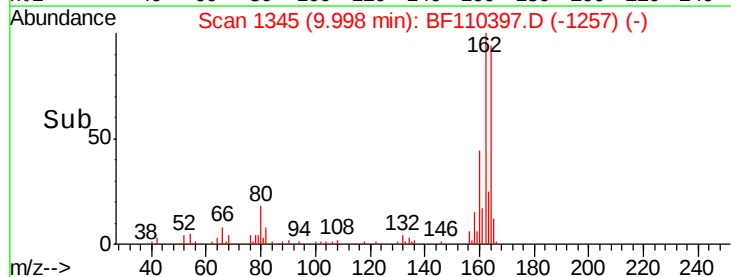
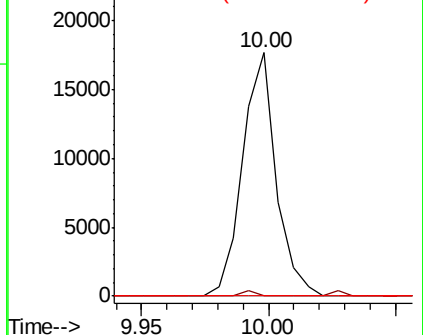


#51
 2,6-Dinitrotoluene
 Concen: 7.832 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110397.D
 Acq: 2 Nov 2018 7:44

Tgt Ion:165 Resp: 16190
 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

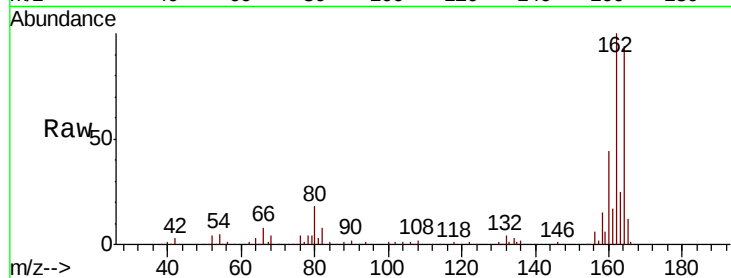




#57
2,4-Dinitrotoluene
Concen: 6.166 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110397.D
Acq: 2 Nov 2018 7:44

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#



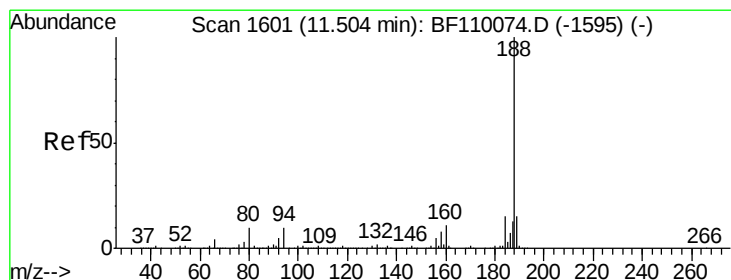
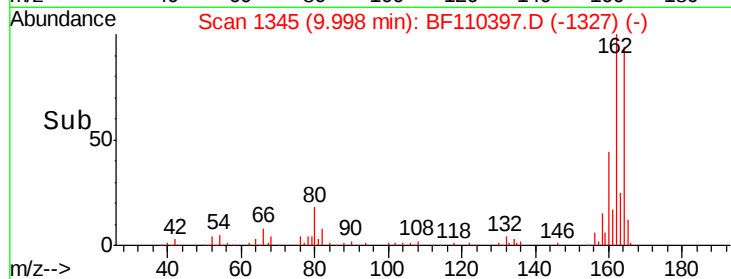
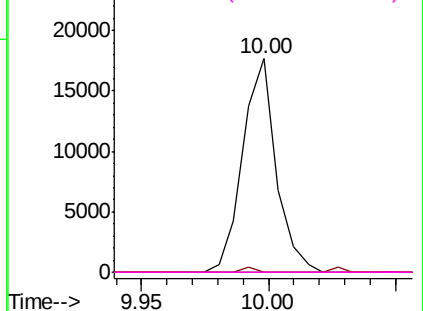
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

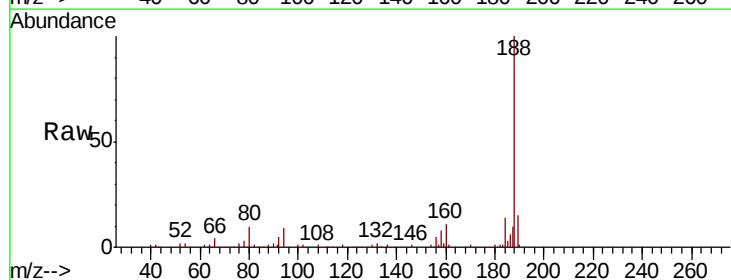
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110397.D
Acq: 2 Nov 2018 7:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.2	7.9	11.9

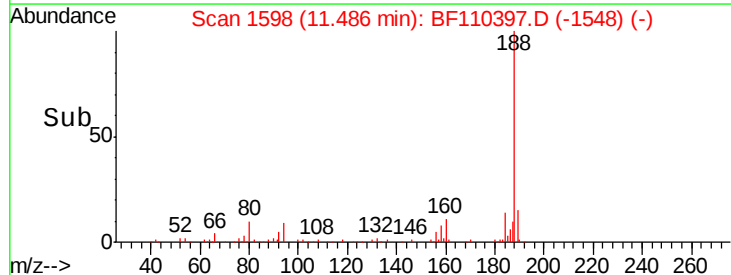
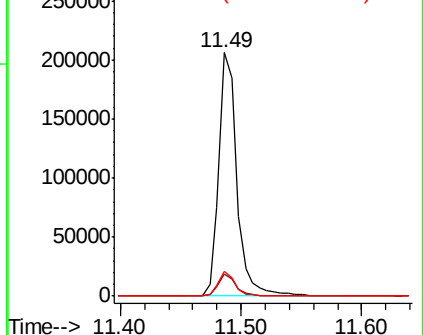


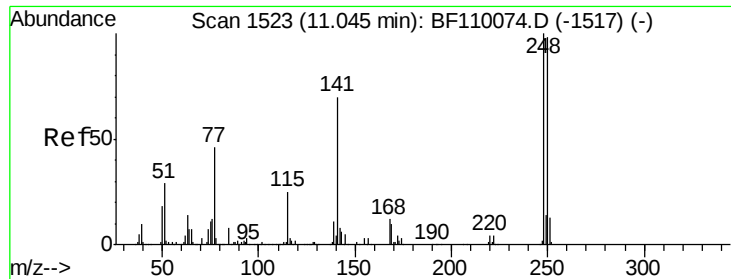
Abundance

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

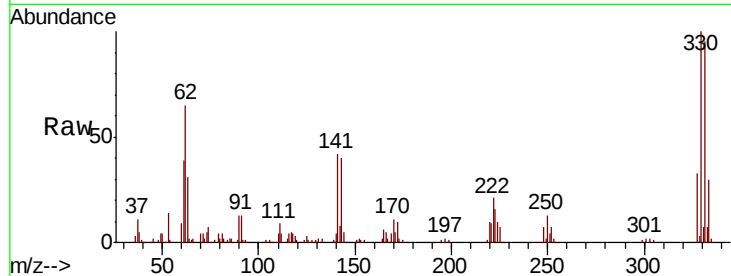




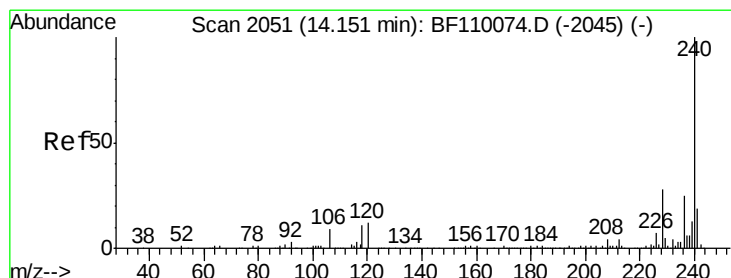
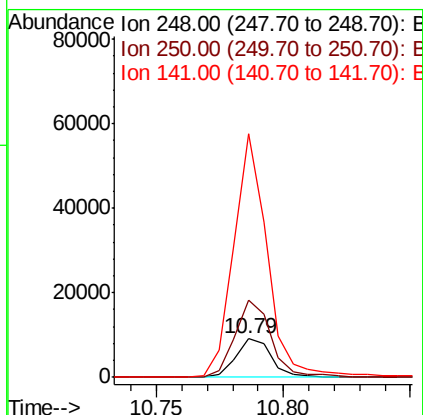
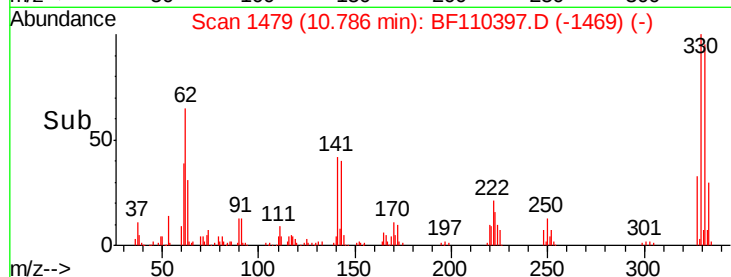
#67
 4-Bromophenyl-phenylether
 Concen: 3.841 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110397.D
 Acq: 2 Nov 2018 7:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8870
 Ion Ratio Lower Upper
 248 100
 250 201.3 79.4 119.2#
 141 632.6 55.9 83.9#

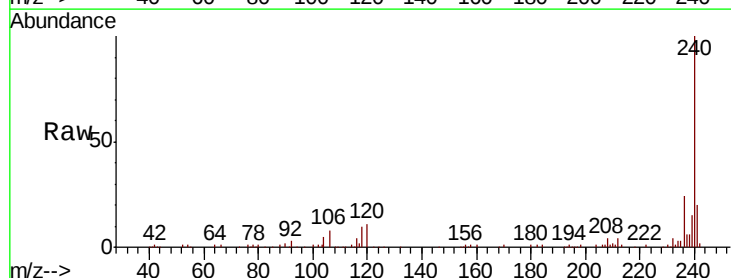


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

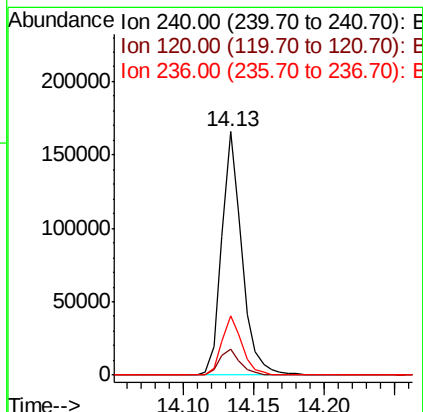
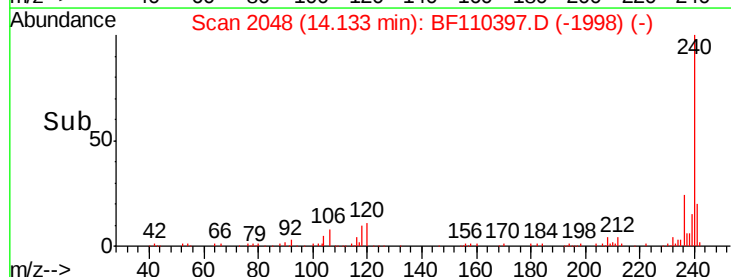


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110397.D
 Acq: 2 Nov 2018 7:44

Tgt Ion:240 Resp: 164454
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.3 12.5
 236 24.4 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: 82.598 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110397.D

Acq: 2 Nov 2018 7:44

Instrument :

BNA_F

ClientSampleId :

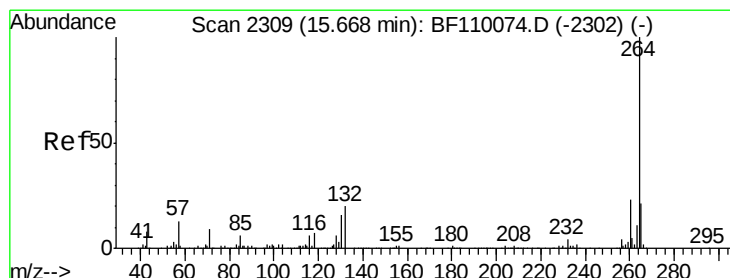
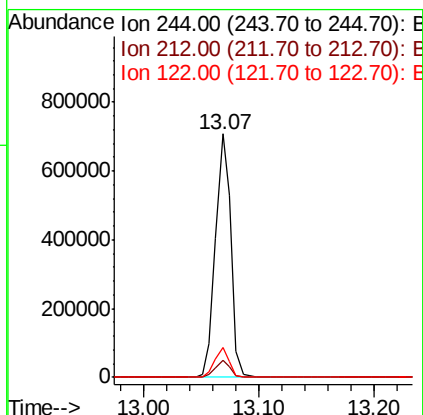
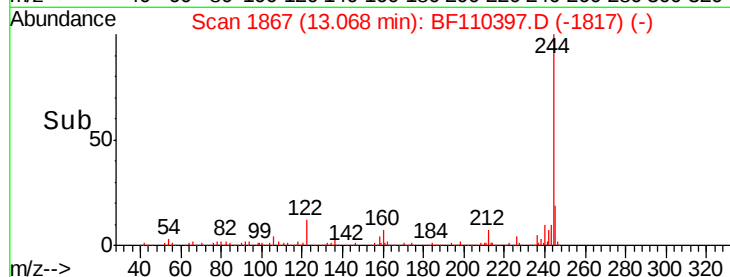
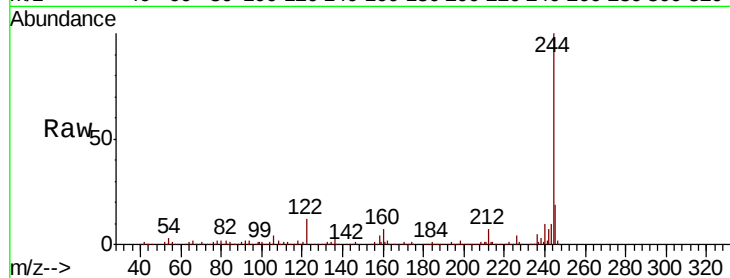
Tot Ion:244 Resp: 653145

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 12.1 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110397.D

Acq: 2 Nov 2018 7:44

Tgt Ion:264 Resp: 135936

Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 21.8 16.7 25.1

