

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110395.D
 Acq On : 2 Nov 2018 6:50
 Operator : JU/SJ
 Sample : J5741-54
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:36:47 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

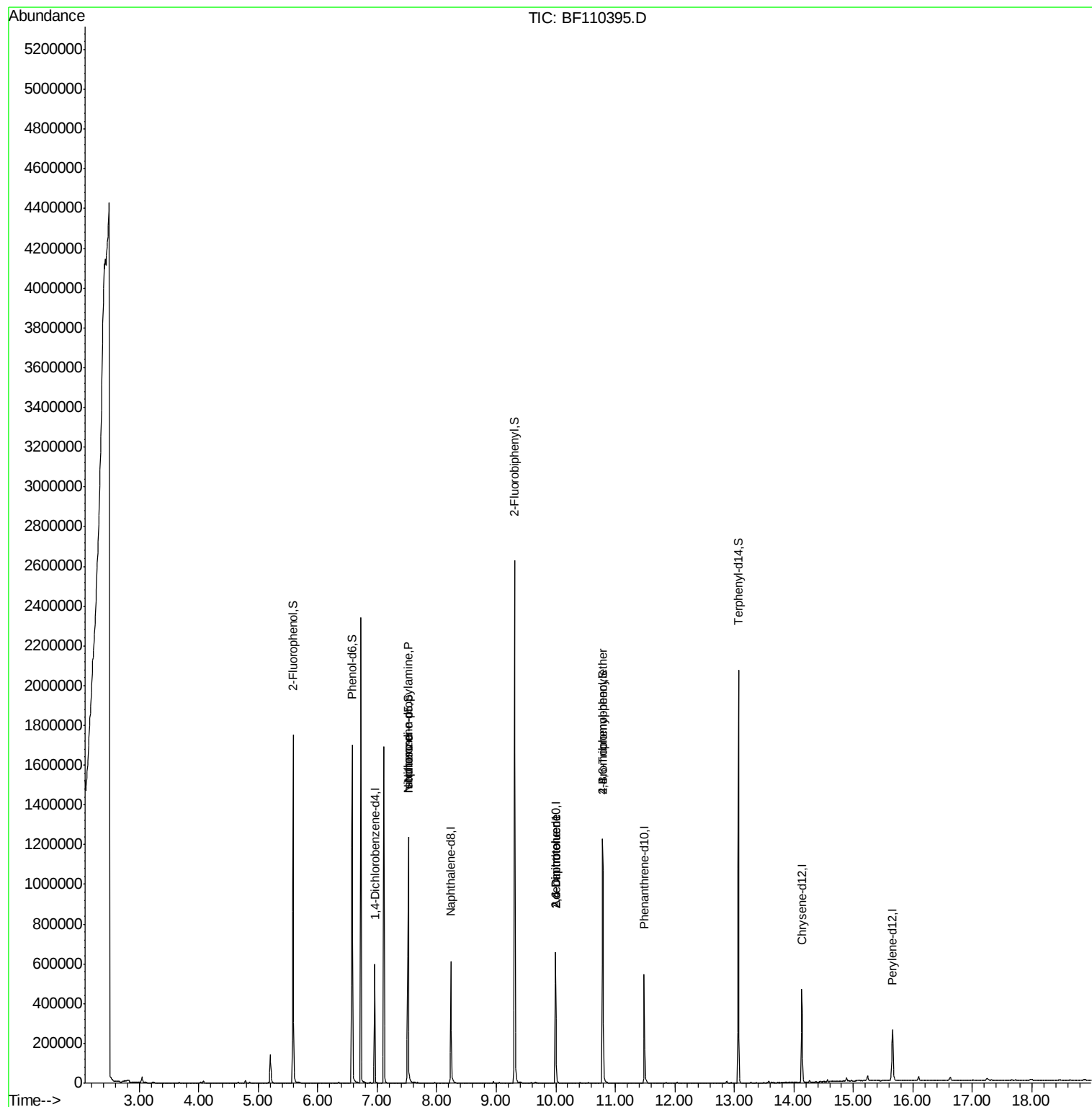
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	81668	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	320963	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	138582	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	229842	20.00	ng	0.00
76) Chrysene-d12	14.13	240	171403	20.00	ng	0.00
87) Perylene-d12	15.66	264	141838	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	510812	101.86	ng	0.02
7) Phenol-d6	6.58	99	556166	86.70	ng	0.00
23) Nitrobenzene-d5	7.52	82	449788	83.12	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	156104	113.72	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	814431	92.28	ng	0.00
79) Terphenyl-d14	13.07	244	682917	82.86	ng	0.00
Target Compounds						
9) Benzaldehyde	6.58	77	820	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.52	70	59769	14.524	ng	# 1
25) Isophorone	7.52	82	449782	48.761	ng	# 77
51) 2,6-Dinitrotoluene	10.00	165	17297	7.850	ng	# 67
57) 2,4-Dinitrotoluene	10.00	165	17297	6.180	ng	# 21
67) 4-Bromophenyl-phenylether	10.79	248	10225	4.101	ng	# 17

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

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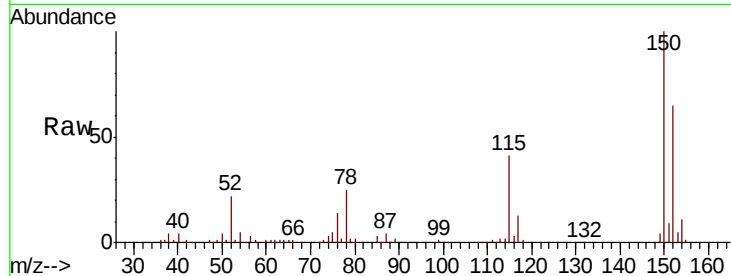




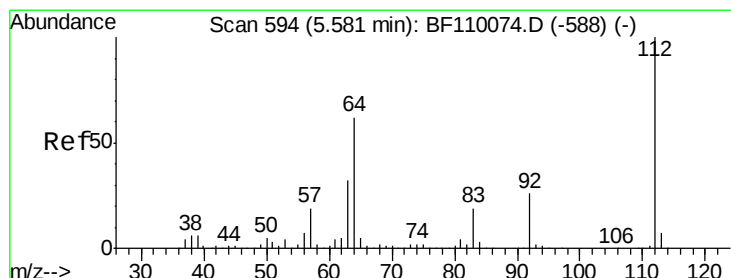
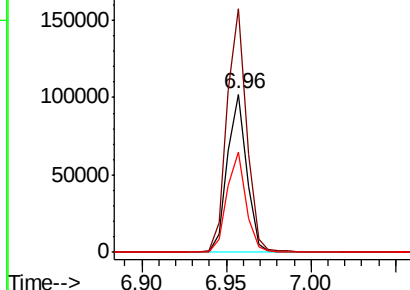
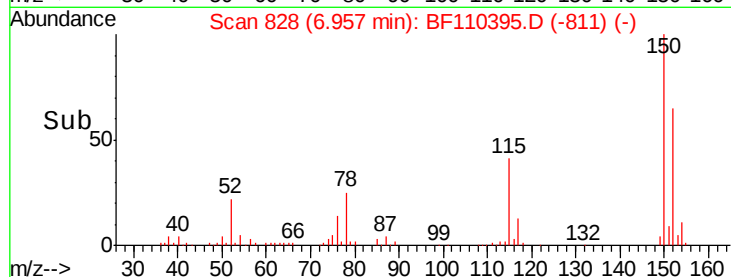
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110395.D
 Acq: 2 Nov 2018 6:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 81668
 Ion Ratio Lower Upper
 152 100
 150 154.0 122.7 184.1
 115 63.0 49.1 73.7

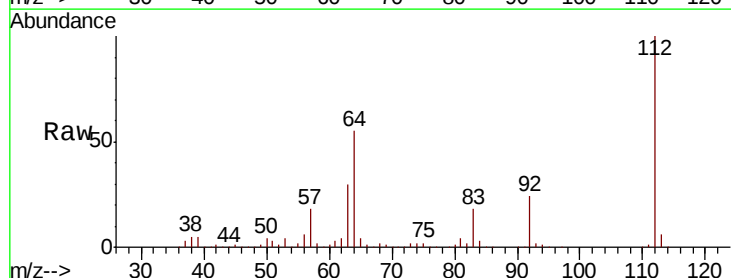


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

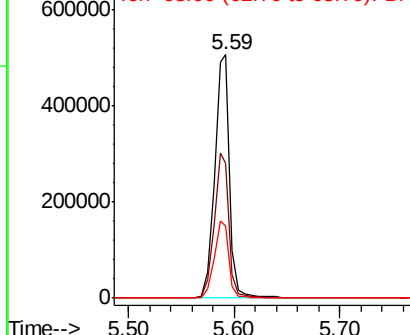
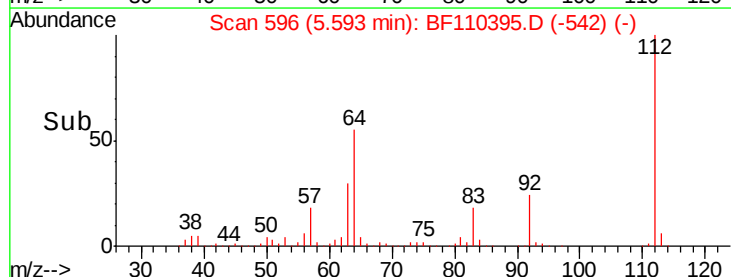


#5
 2-Fluorophenol
 Concen: 101.855 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.02 min
 Lab File: BF110395.D
 Acq: 2 Nov 2018 6:50

Tgt Ion:112 Resp: 510812
 Ion Ratio Lower Upper
 112 100
 64 55.5 44.1 66.1
 63 29.7 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: 86.702 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110395.D

Acq: 2 Nov 2018 6:50

Instrument :

BNA_F

ClientSampleId :

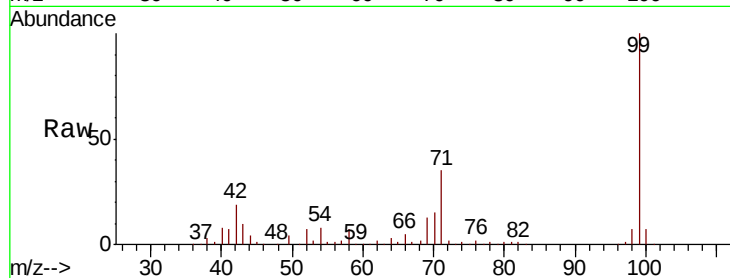
Tot Ion: 99 Resp: 556166

Ion Ratio Lower Upper

99 100

42 19.4 15.8 23.6

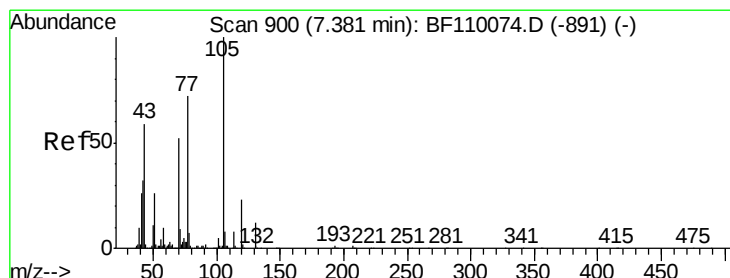
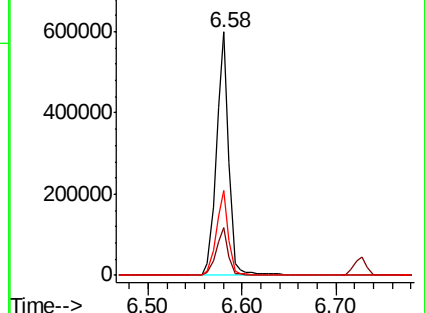
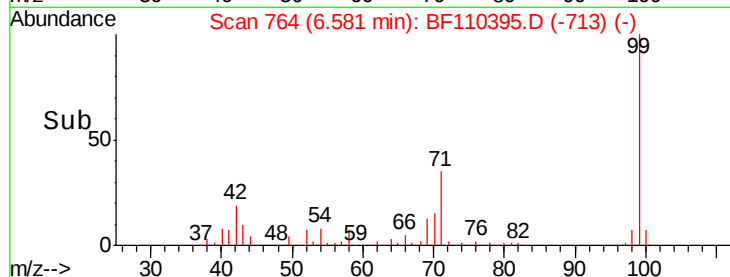
71 35.0 28.0 42.0



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: 14.524 ng

RT: 7.52 min Scan# 924

Delta R.T. 0.16 min

Lab File: BF110395.D

Acq: 2 Nov 2018 6:50

Tgt Ion: 70 Resp: 59769

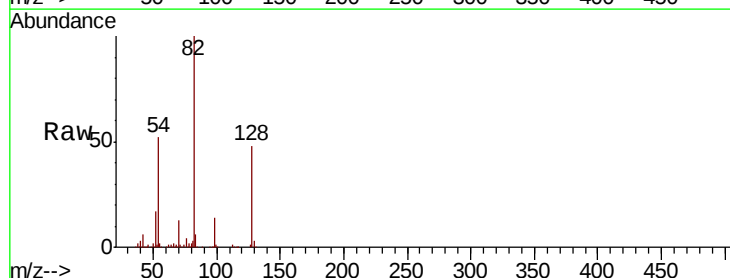
Ion Ratio Lower Upper

70 100

42 46.8 47.4 71.2#

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

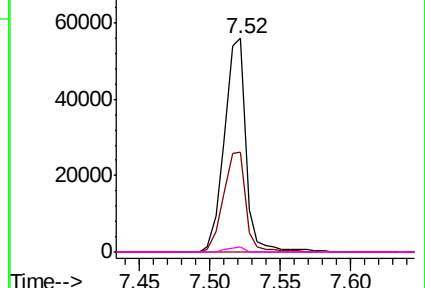
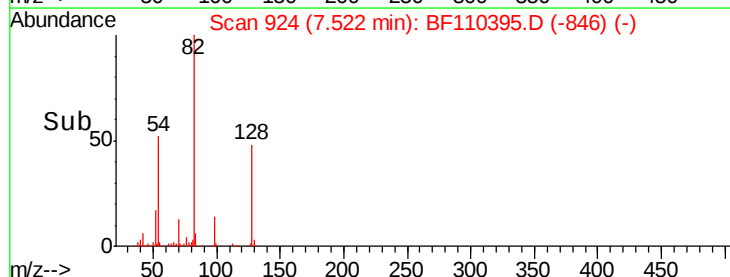


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

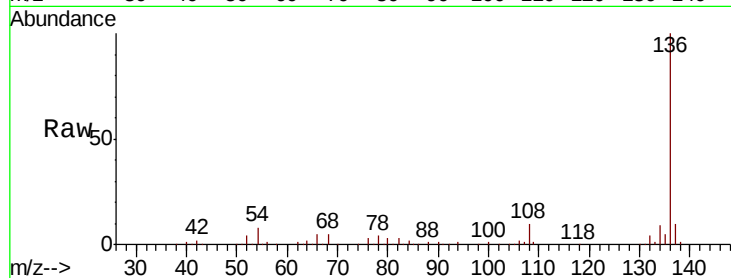




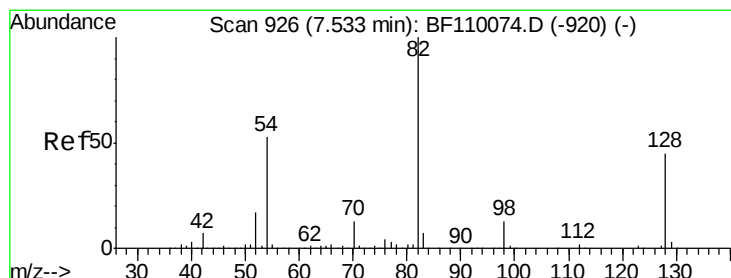
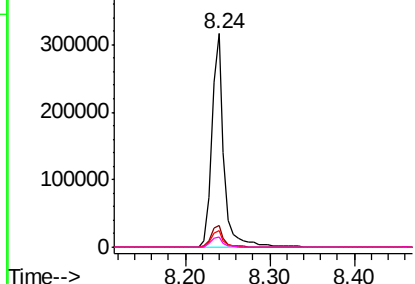
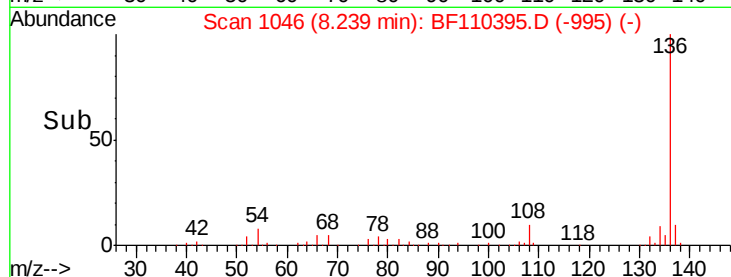
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110395.D
Acq: 2 Nov 2018 6:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	320963
Ion Ratio	Lower	Upper
136	100	
137	10.4	8.8 13.2
54	7.5	5.4 8.2
68	4.8	4.2 6.2

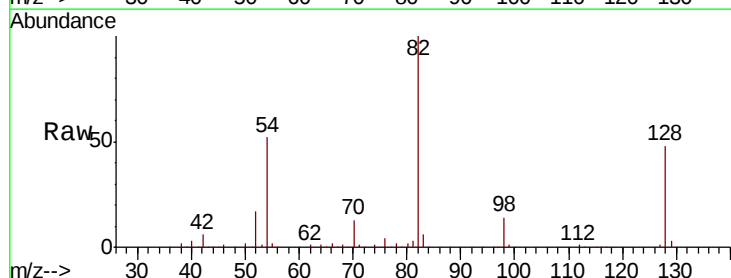


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

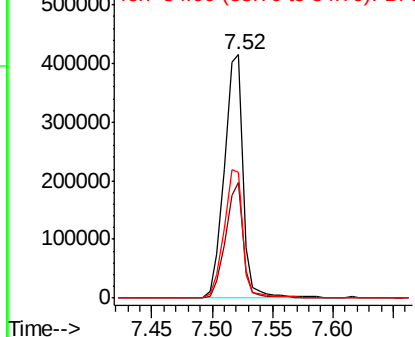
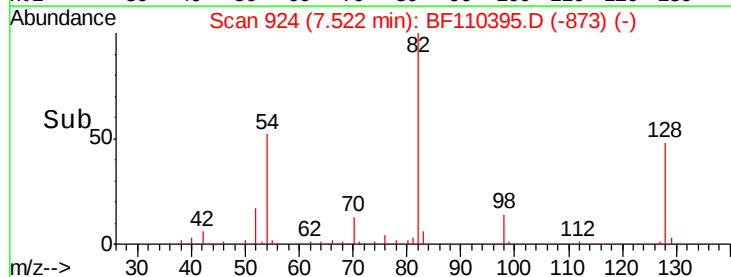


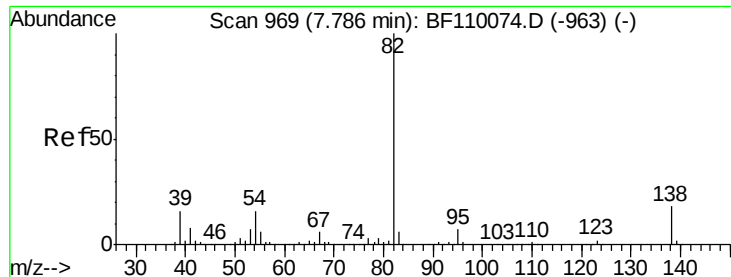
#23
Nitrobenzene-d5
Concen: 83.120 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110395.D
Acq: 2 Nov 2018 6:50

Tgt Ion: 82	Resp:	449788
Ion Ratio	Lower	Upper
82	100	
128	47.6	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): E
Ion 54.00 (53.70 to 54.70): BF1

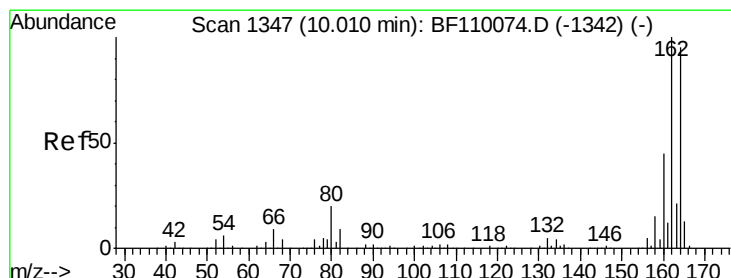
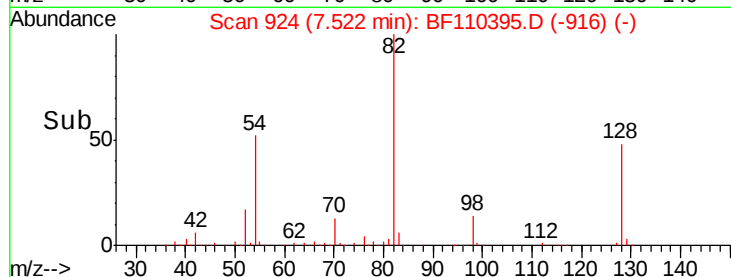
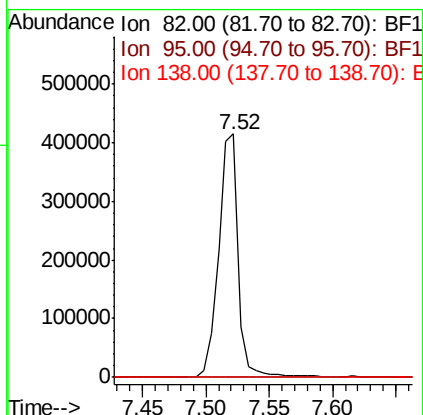
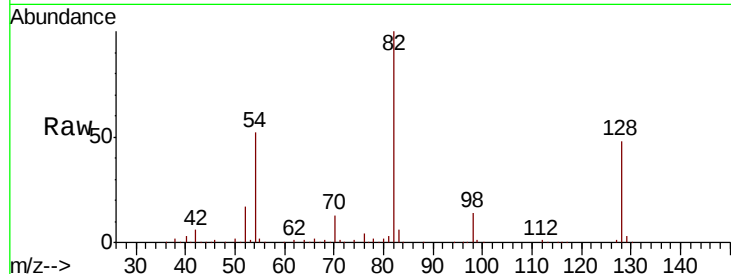




#25
Isophorone
Concen: 48.761 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110395.D
Acq: 2 Nov 2018 6:50

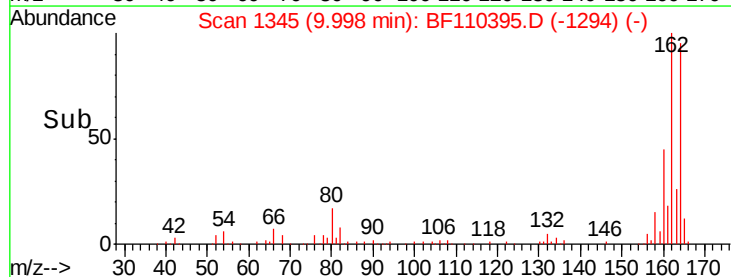
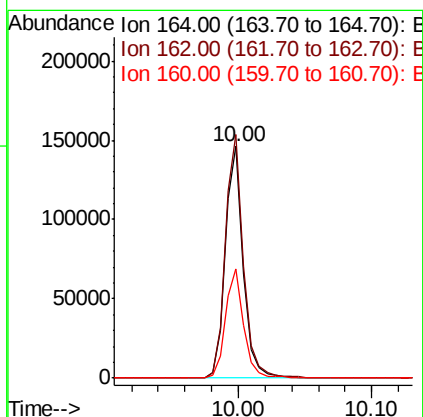
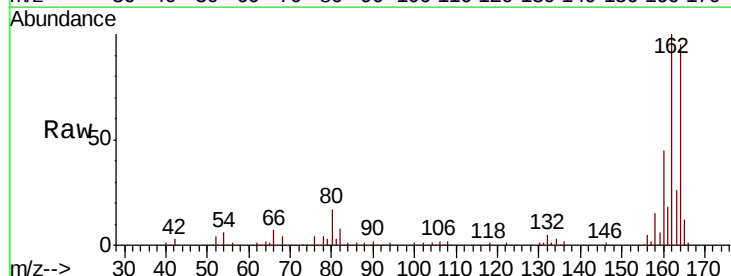
Instrument :
BNA_F
ClientSampleId :

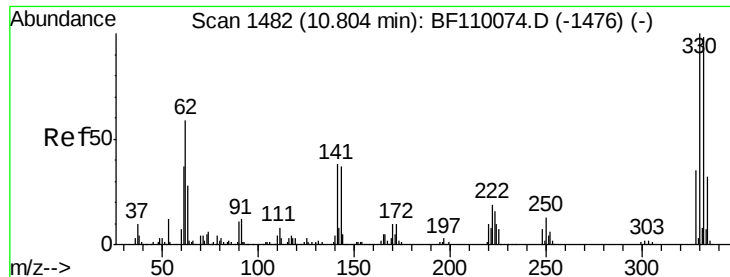
Tot Ion: 82 Resp: 449782
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110395.D
Acq: 2 Nov 2018 6:50

Tgt Ion: 164 Resp: 138582
Ion Ratio Lower Upper
164 100
162 105.2 83.0 124.6
160 46.9 37.0 55.6

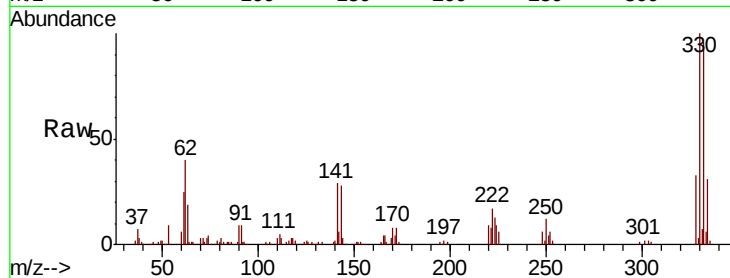




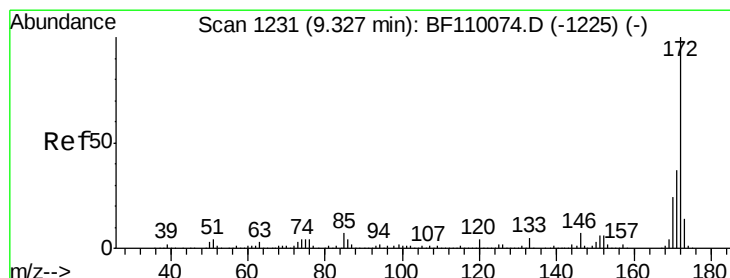
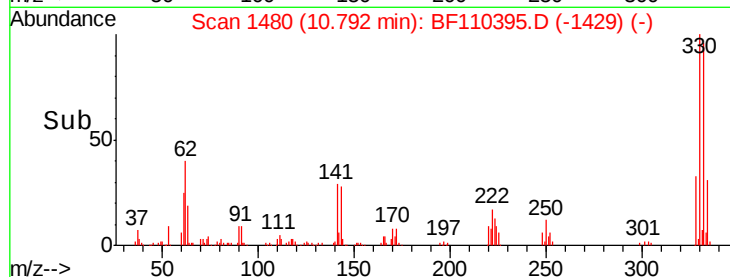
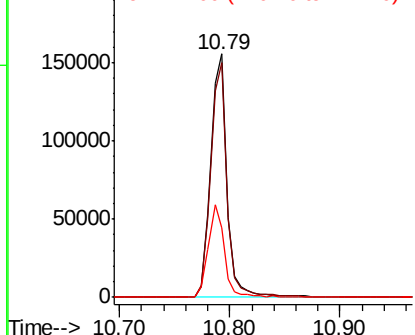
#42
 2,4,6-Tribromophenol
 Concen: 113.717 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: BF110395.D
 Acq: 2 Nov 2018 6:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 156104
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 36.9 27.0 40.4

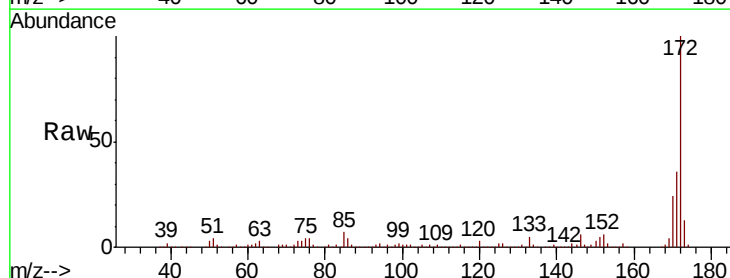


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

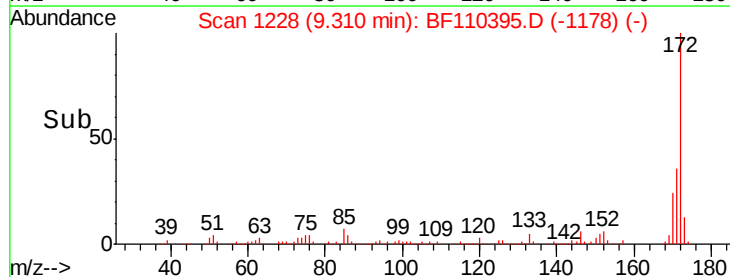
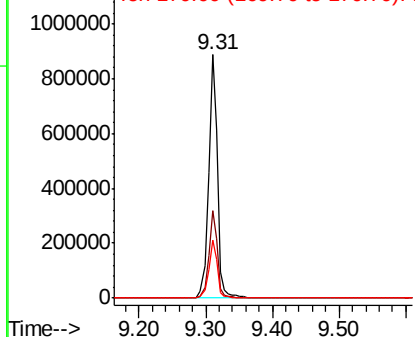


#45
 2-Fluorobiphenyl
 Concen: 92.282 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110395.D
 Acq: 2 Nov 2018 6:50

Tgt Ion:172 Resp: 814431
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 23.8 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: 7.850 ng

RT: 10.00 min Scan# 1345

Delta R.T. 0.22 min

Lab File: BF110395.D

Acq: 2 Nov 2018 6:50

Instrument :

BNA_F

ClientSampleId :

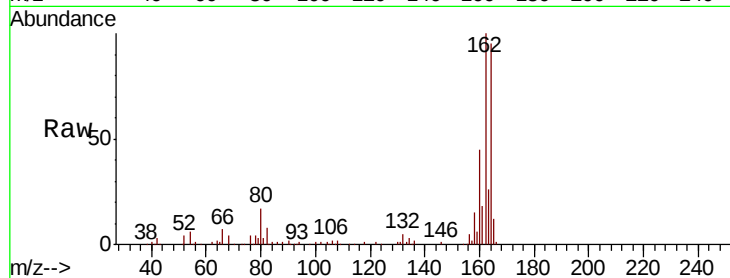
Tot Ion:165 Resp: 17297

Ion Ratio Lower Upper

165 100

63 0.0 48.9 73.3#

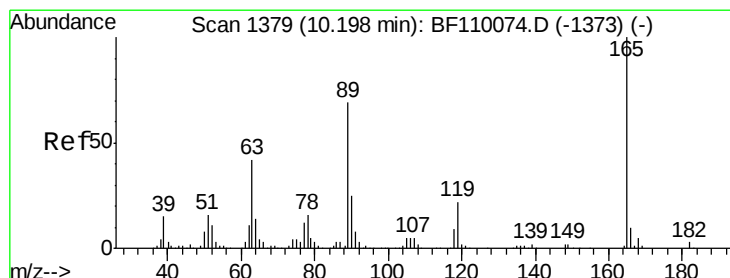
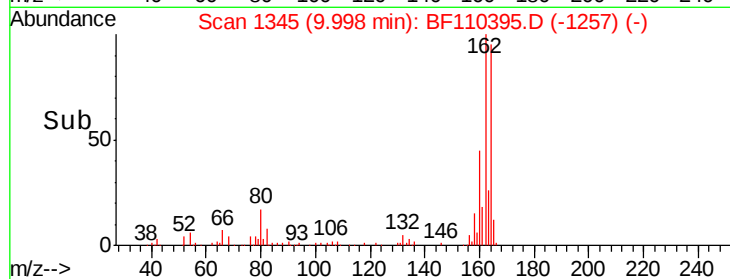
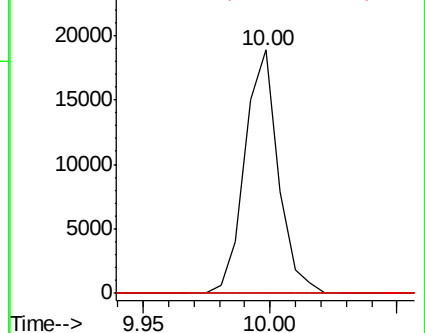
89 0.0 46.6 69.8#



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: 6.180 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.19 min

Lab File: BF110395.D

Acq: 2 Nov 2018 6:50

Tgt Ion:165 Resp: 17297

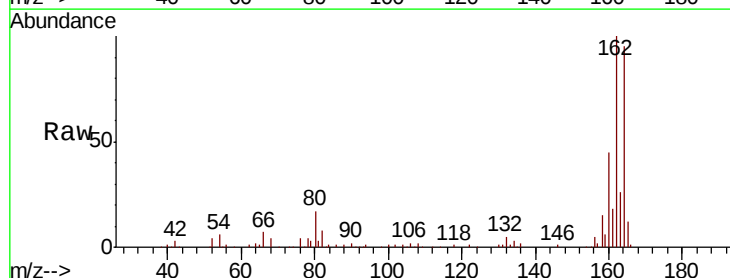
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 0.0 62.2 93.4#

182 0.0 2.1 3.1#

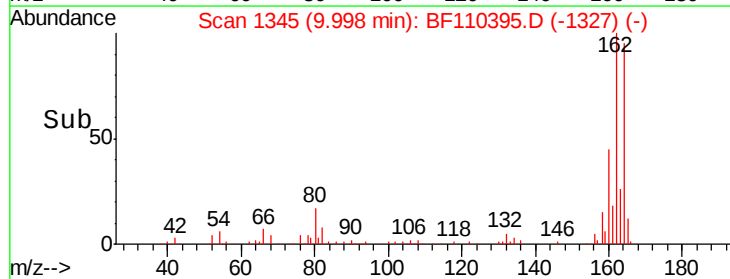
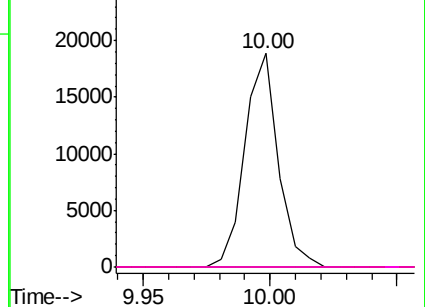


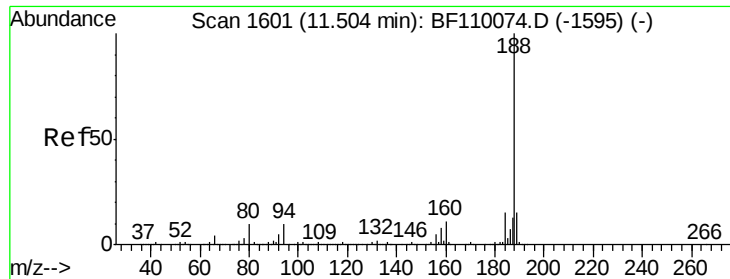
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF110395.D

Acq: 2 Nov 2018 6:50

Instrument :

BNA_F

ClientSampleId :

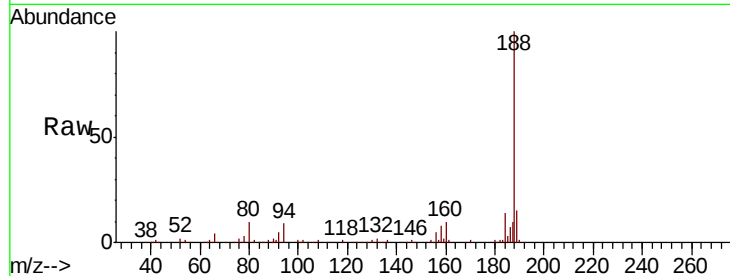
Tot Ion:188 Resp: 229842

Ion Ratio Lower Upper

188 100

94 8.8 7.2 10.8

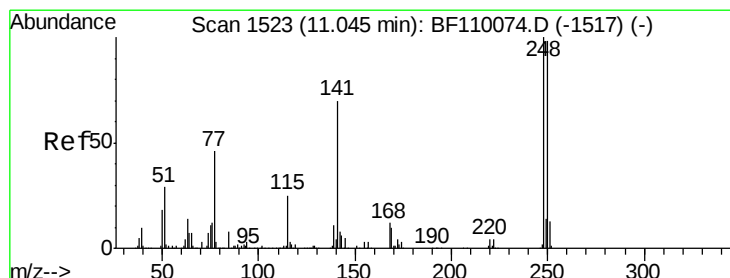
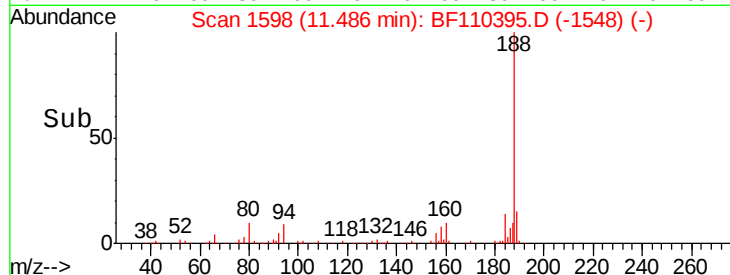
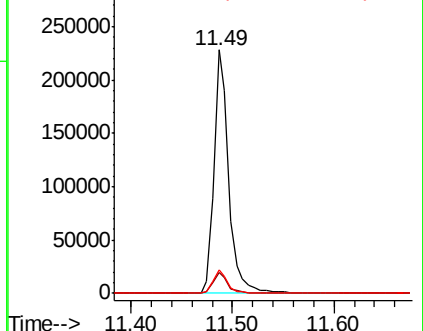
80 9.9 7.9 11.9



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: 4.101 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.24 min

Lab File: BF110395.D

Acq: 2 Nov 2018 6:50

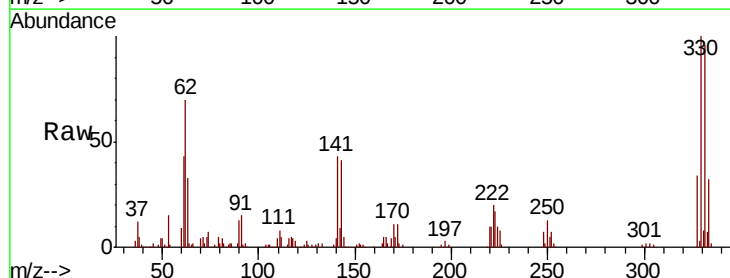
Tgt Ion:248 Resp: 10225

Ion Ratio Lower Upper

248 100

250 179.3 79.4 119.2#

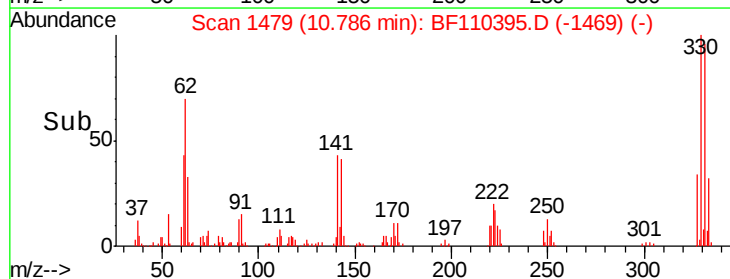
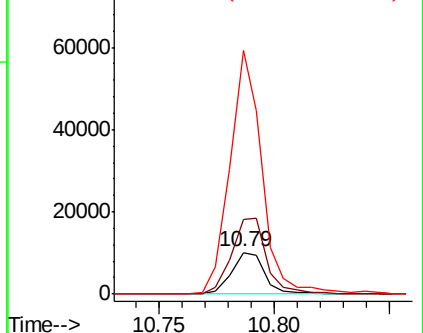
141 582.5 55.9 83.9#

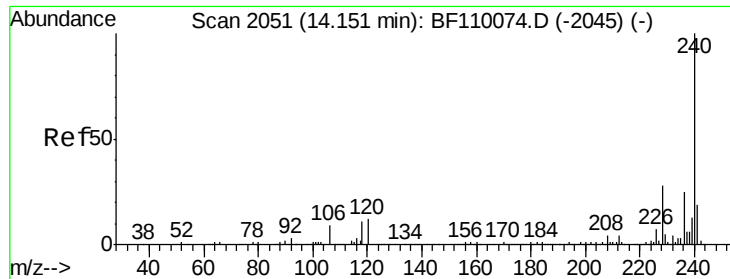


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

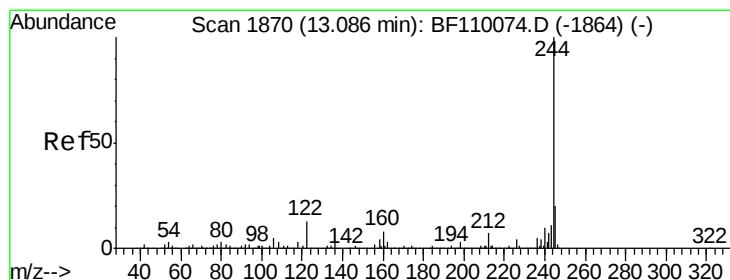
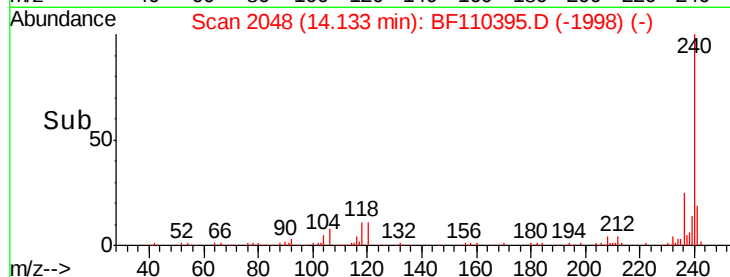
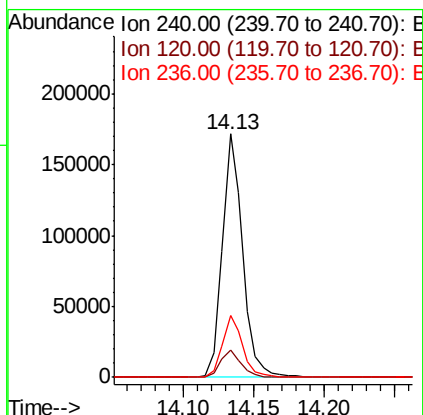
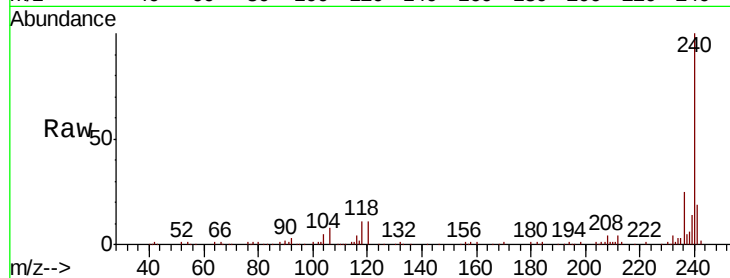




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110395.D
Acq: 2 Nov 2018 6:50

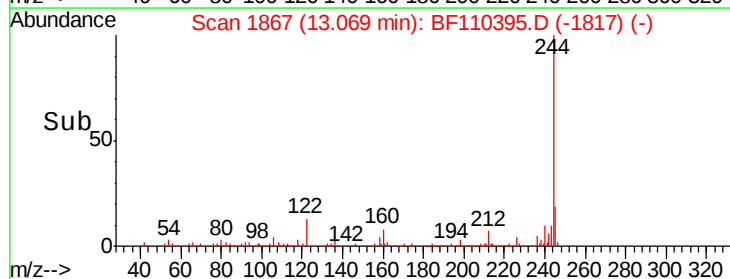
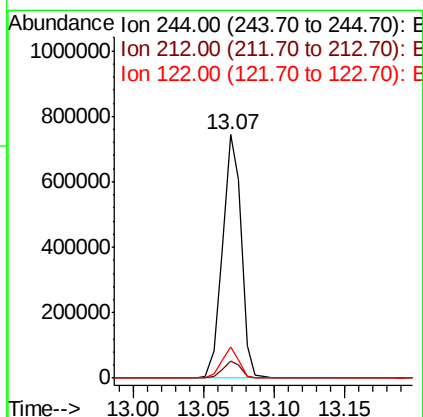
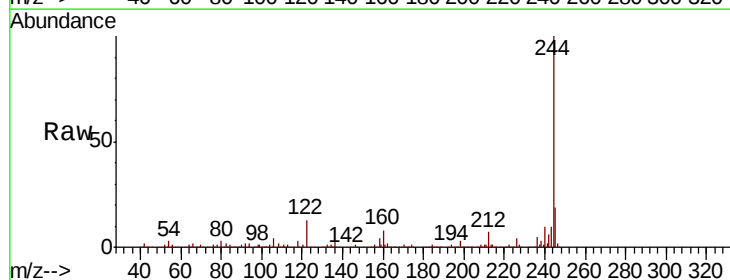
Instrument :
BNA_F
ClientSampleId :

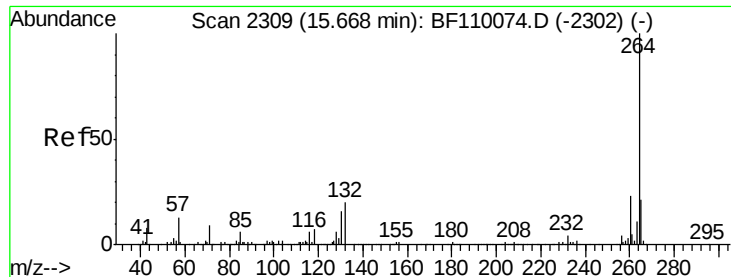
Tot Ion:240 Resp: 171403
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 25.4 21.2 31.8



#79
Terphenyl-d14
Concen: 82.861 ng
RT: 13.07 min Scan# 1867
Delta R.T. -0.01 min
Lab File: BF110395.D
Acq: 2 Nov 2018 6:50

Tgt Ion:244 Resp: 682917
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 12.6 8.7 13.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110395.D
 Acq: 2 Nov 2018 6:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 141838
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 22.2 16.7 25.1

