

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110393.D
 Acq On : 2 Nov 2018 5:56
 Operator : JU/SJ
 Sample : J5741-46
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 08:36:26 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

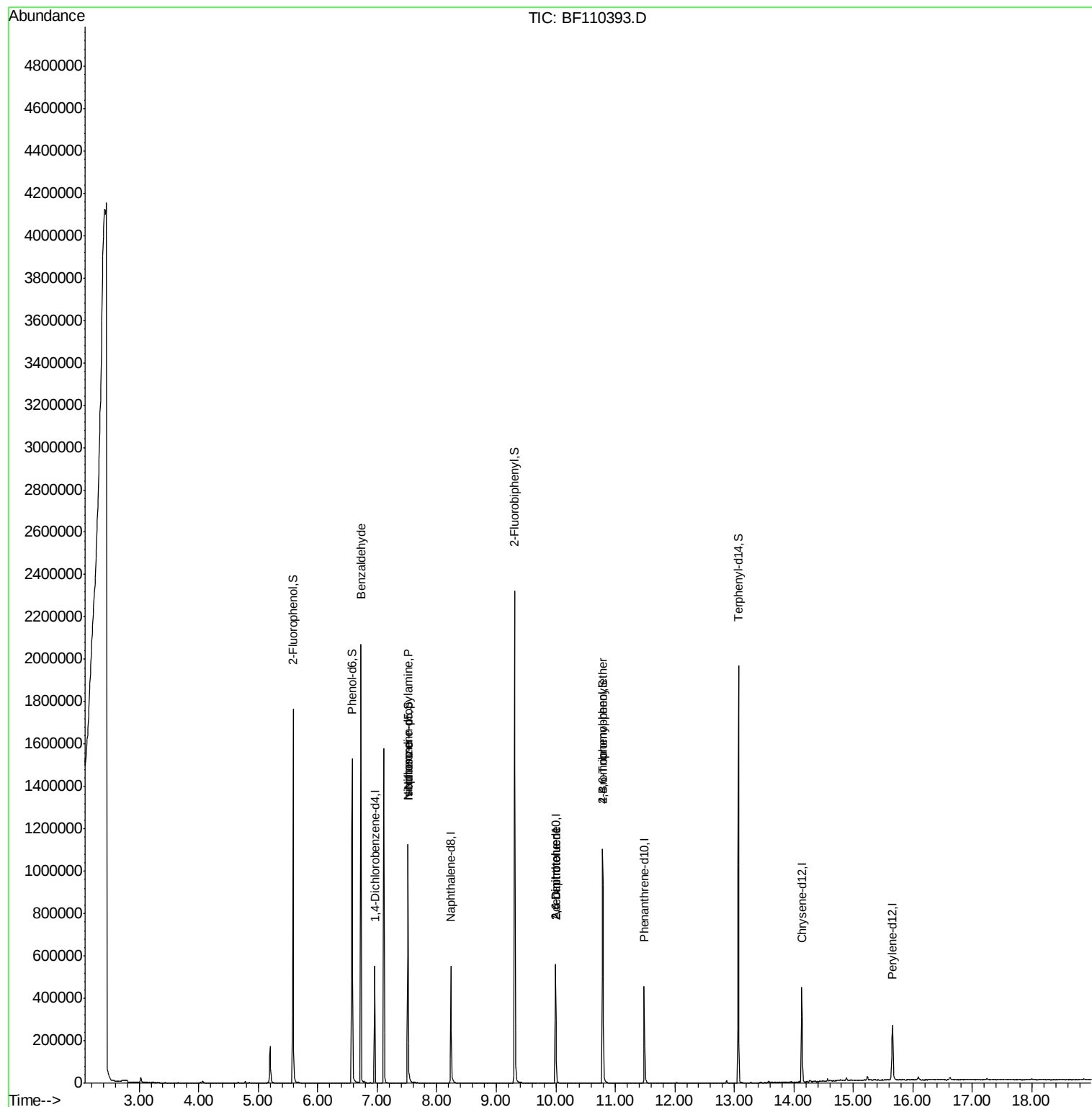
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	74091	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	282104	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	121834	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	206579	20.00	ng	0.00
76) Chrysene-d12	14.13	240	169430	20.00	ng	0.00
87) Perylene-d12	15.66	264	137776	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	461187	101.36	ng	0.01
7) Phenol-d6	6.58	99	498158	85.60	ng	0.00
23) Nitrobenzene-d5	7.52	82	400181	84.14	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	138761	114.98	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	718541	92.61	ng	0.00
79) Terphenyl-d14	13.07	244	648225	79.57	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	11706	2.043	ng	84
19) n-Nitroso-di-n-propylamine	7.52	70	53014	14.200	ng	# 80
25) Isophorone	7.52	82	400179	49.360	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	15642	8.074	ng	# 21
57) 2,4-Dinitrotoluene	10.00	165	15642	6.357	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	8787	3.921	ng	# 1

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

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QLast Update : Thu Nov 01 16:06:12 2018
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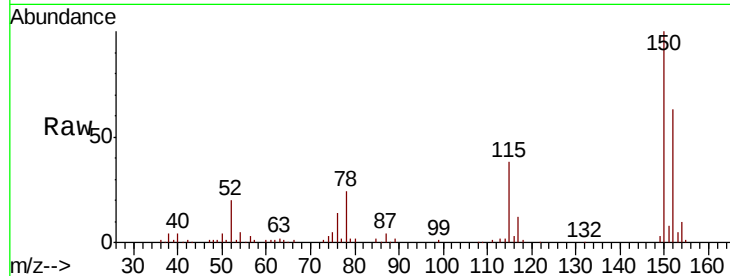


#1

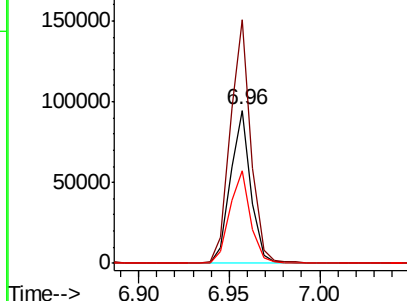
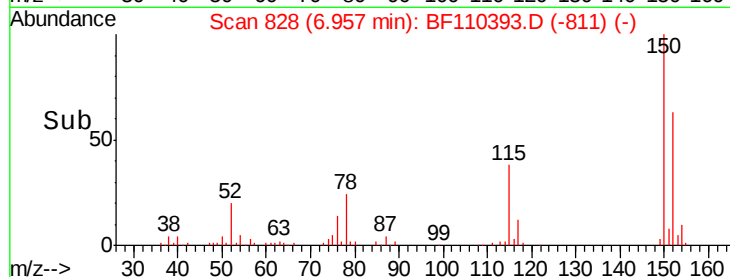
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110393.D
Acq: 2 Nov 2018 5:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74091
Ion Ratio Lower Upper
152 100
150 159.2 122.7 184.1
115 60.9 49.1 73.7



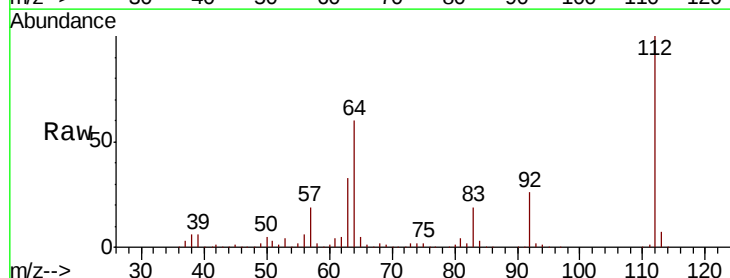
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



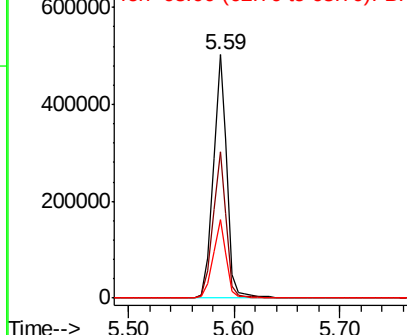
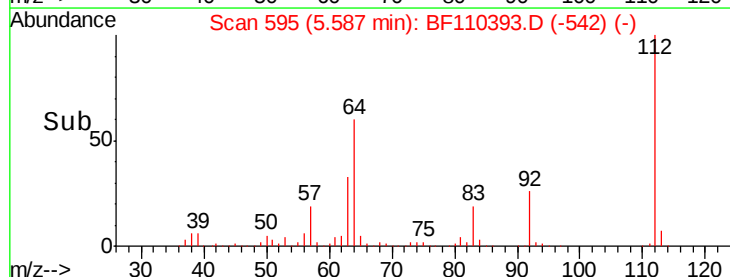
#5

2-Fluorophenol
Concen: 101.365 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110393.D
Acq: 2 Nov 2018 5:56

Tgt Ion:112 Resp: 461187
Ion Ratio Lower Upper
112 100
64 59.9 44.1 66.1
63 32.5 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: 85.601 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110393.D

Acq: 2 Nov 2018 5:56

Instrument :

BNA_F

ClientSampleId :

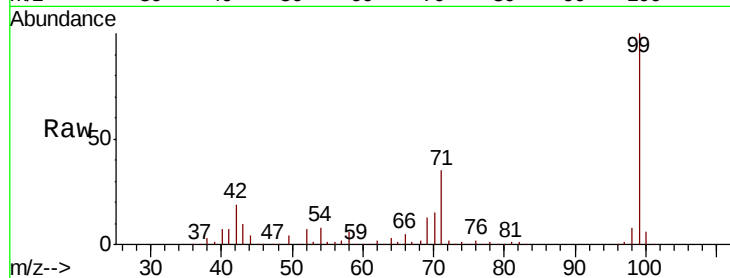
Tot Ion: 99 Resp: 498158

Ion Ratio Lower Upper

99 100

42 18.9 15.8 23.6

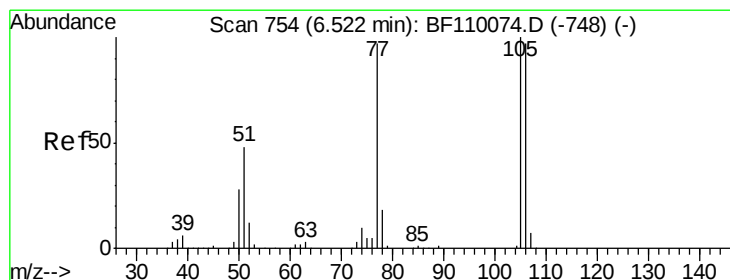
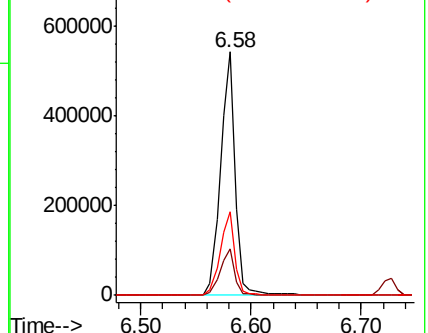
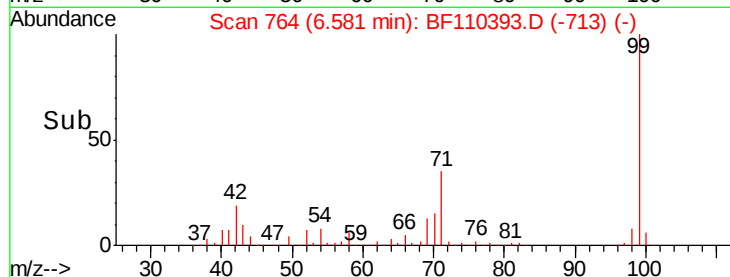
71 34.6 28.0 42.0



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



#9

Benzaldehyde

Concen: 2.043 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.22 min

Lab File: BF110393.D

Acq: 2 Nov 2018 5:56

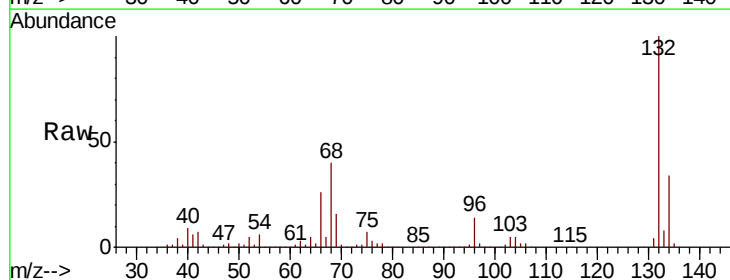
Tgt Ion: 77 Resp: 11706

Ion Ratio Lower Upper

77 100

105 83.0 78.6 118.6

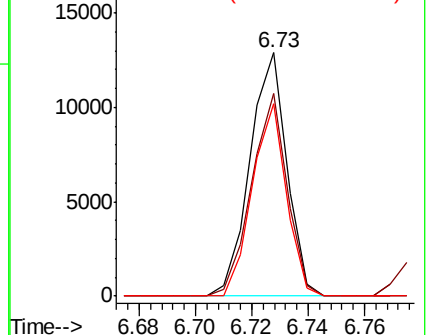
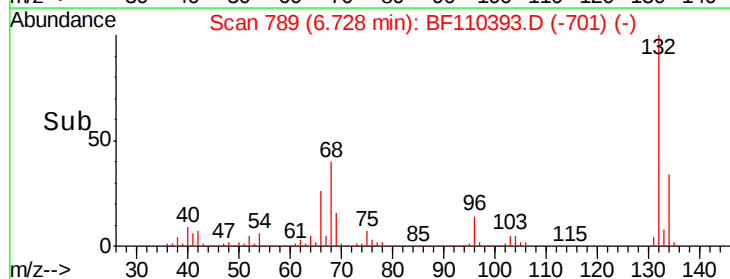
106 79.2 74.8 114.8

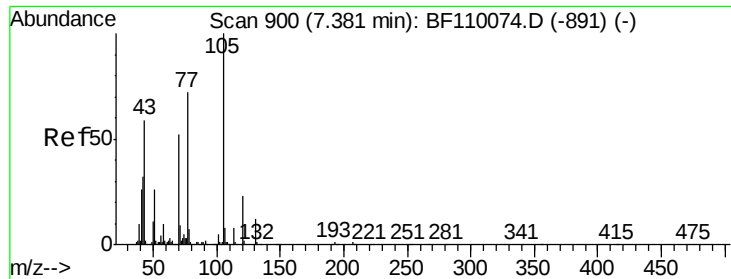


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

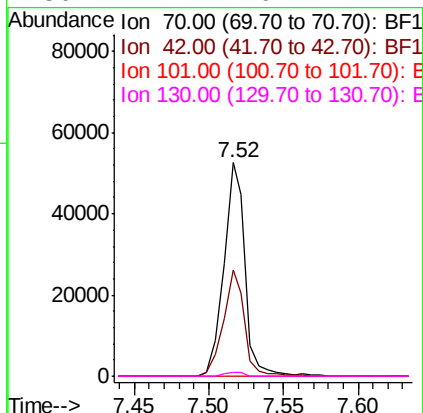
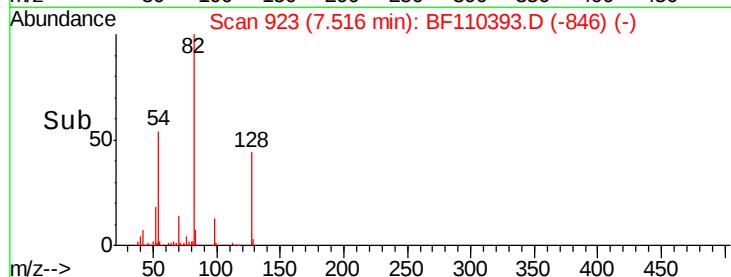
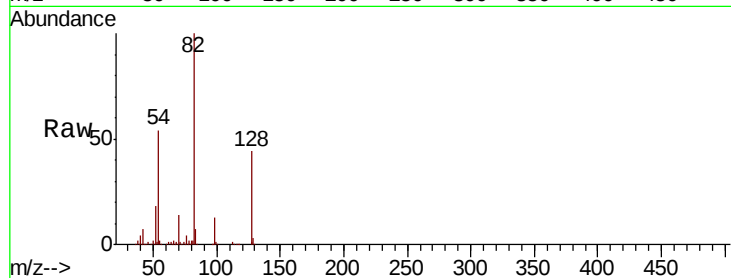




#19
n-Nitroso-di-n-propylamine
Concen: 14.200 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110393.D
Acq: 2 Nov 2018 5:56

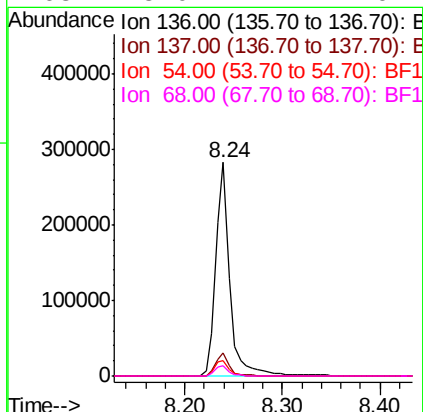
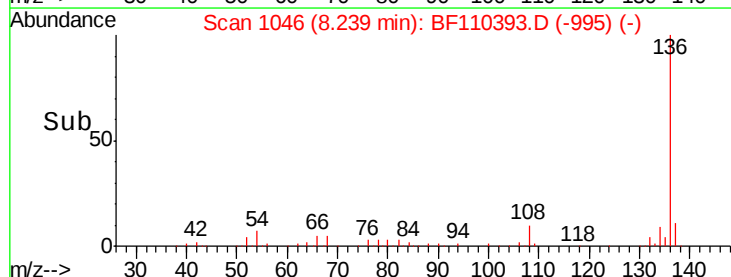
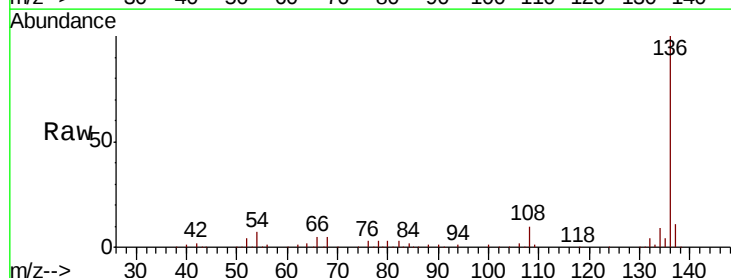
Instrument :
BNA_F
ClientSampleId :

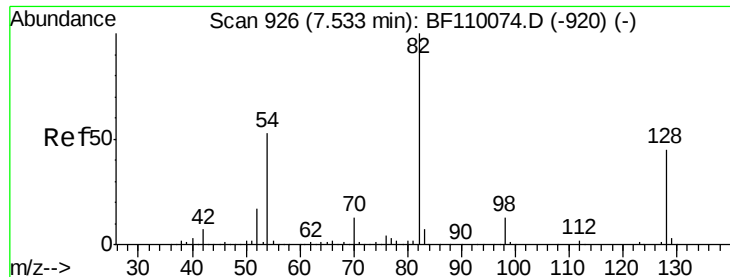
Tot Ion: 70 Resp: 53014
Ion Ratio Lower Upper
70 100
42 50.0 47.4 71.2
101 0.0 7.3 10.9#
130 1.7 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110393.D
Acq: 2 Nov 2018 5:56

Tgt Ion:136 Resp: 282104
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.3 5.4 8.2
68 5.0 4.2 6.2

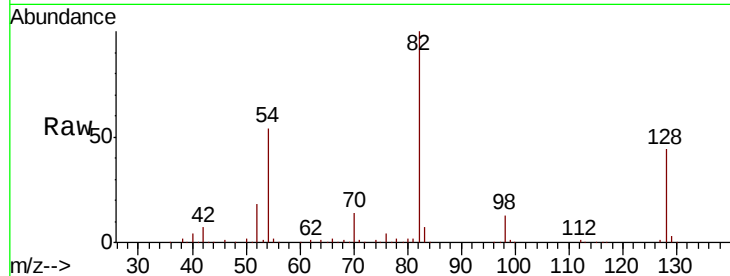




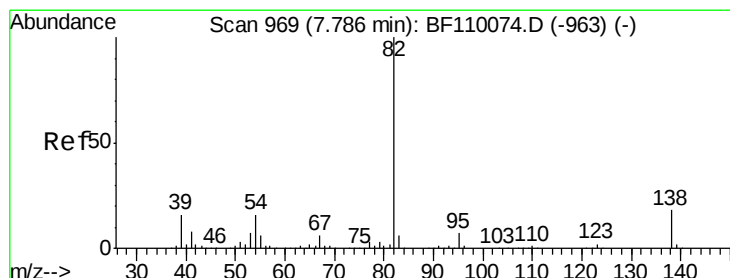
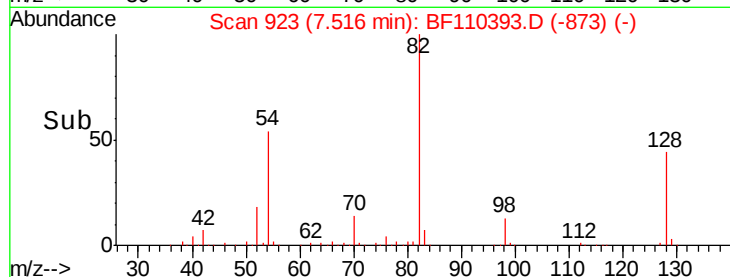
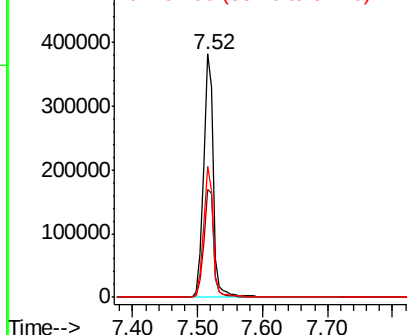
#23
Nitrobenzene-d5
Concen: 84.139 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF110393.D
Acq: 2 Nov 2018 5:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 400181
Ion Ratio Lower Upper
82 100
128 44.1 34.2 51.2
54 54.0 38.6 58.0

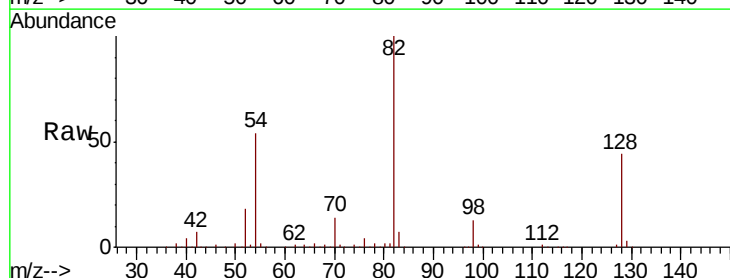


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

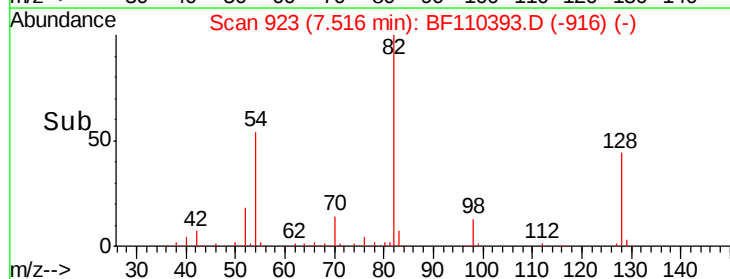
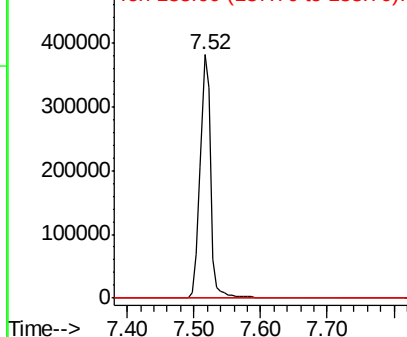


#25
Isophorone
Concen: 49.360 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.26 min
Lab File: BF110393.D
Acq: 2 Nov 2018 5:56

Tgt Ion: 82 Resp: 400179
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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110393.D

Acq: 2 Nov 2018 5:56

Instrument :

BNA_F

ClientSampleId :

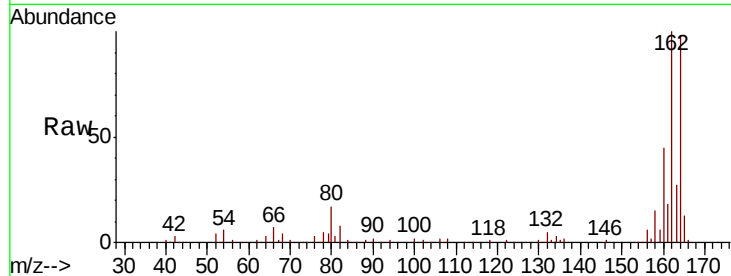
Tot Ion:164 Resp: 121834

Ion Ratio Lower Upper

164 100

162 101.6 83.0 124.6

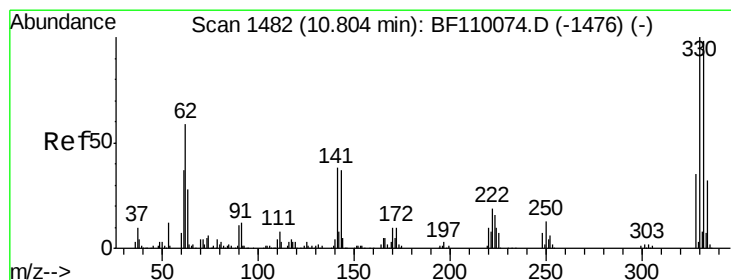
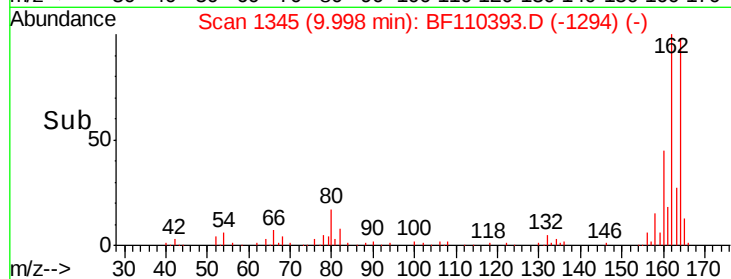
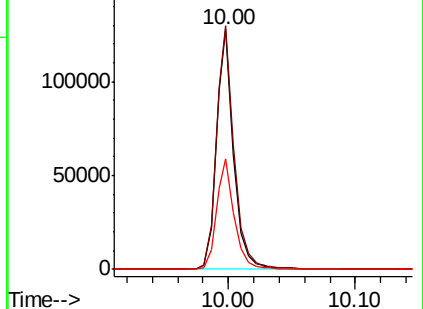
160 45.9 37.0 55.6



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: 114.978 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110393.D

Acq: 2 Nov 2018 5:56

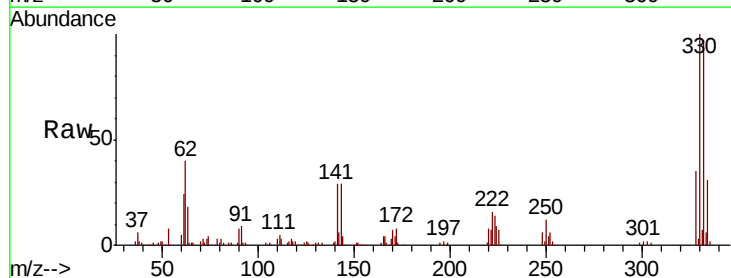
Tgt Ion:330 Resp: 138761

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

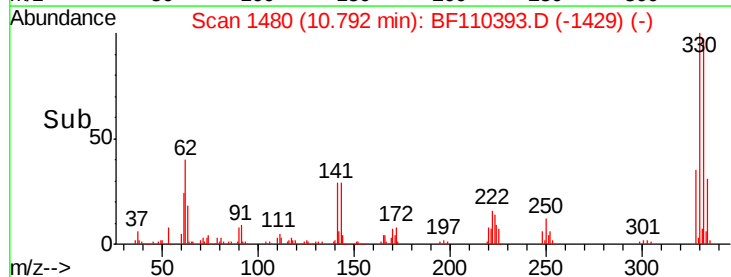
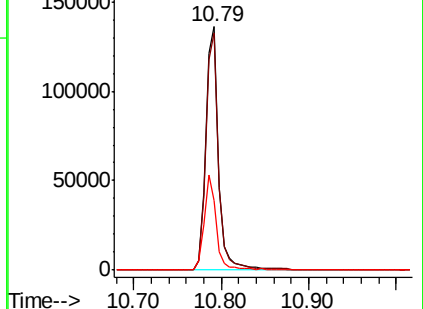
141 37.0 27.0 40.4



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

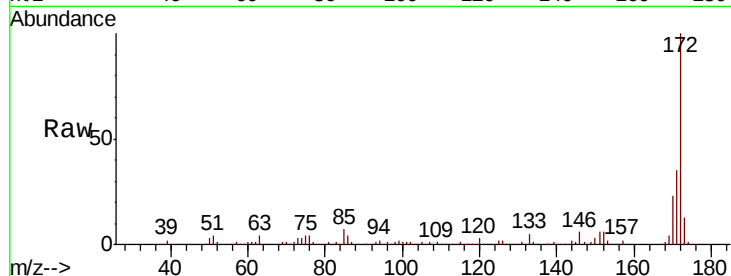




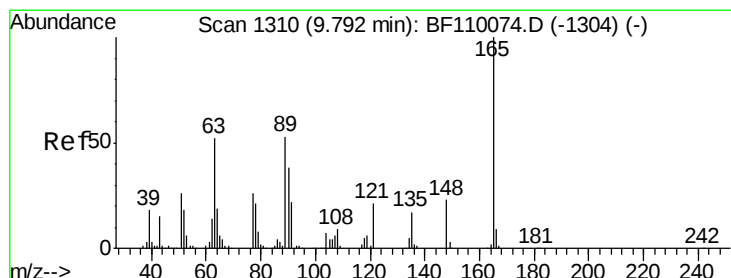
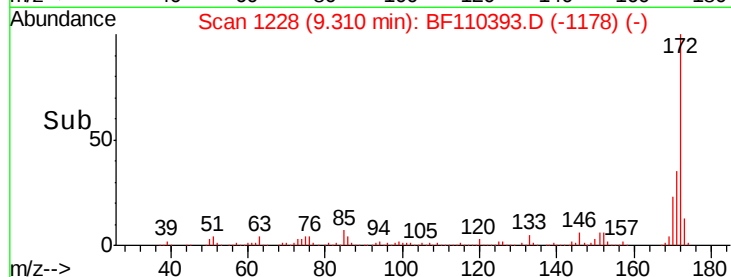
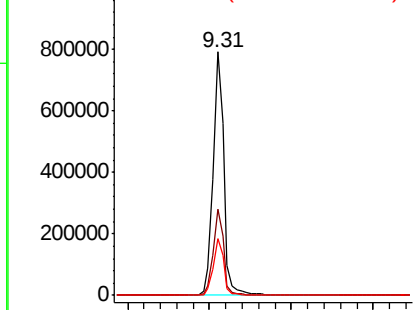
#45
 2-Fluorobiphenyl
 Concen: 92.609 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110393.D
 Acq: 2 Nov 2018 5:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 718541
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.6 43.0
 170 23.3 19.7 29.5

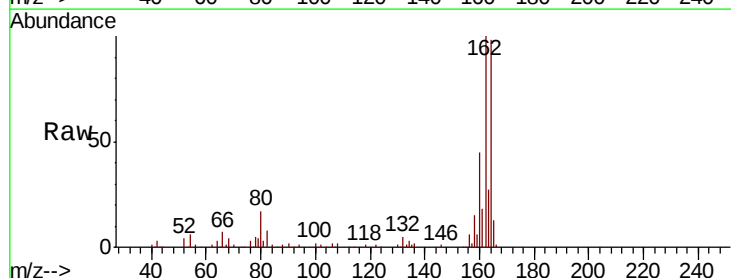


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

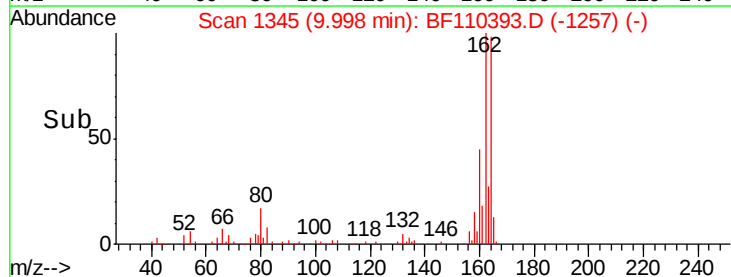
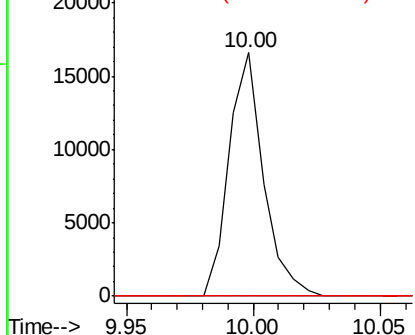


#51
 2,6-Dinitrotoluene
 Concen: 8.074 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110393.D
 Acq: 2 Nov 2018 5:56

Tgt Ion:165 Resp: 15642
 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

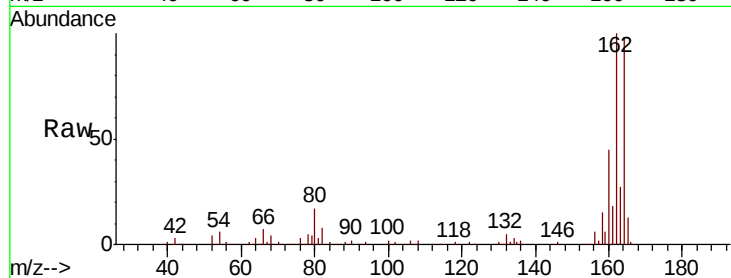




#57
 2,4-Dinitrotoluene
 Concen: 6.357 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110393.D
 Acq: 2 Nov 2018 5:56

Instrument :
 BNA_F
 ClientSampled :

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#



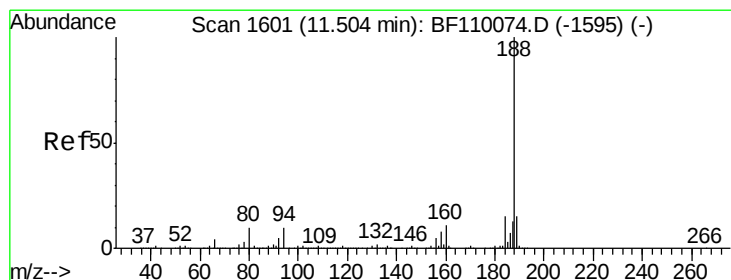
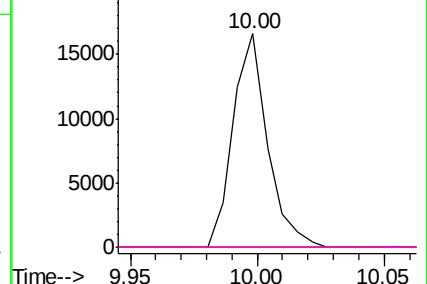
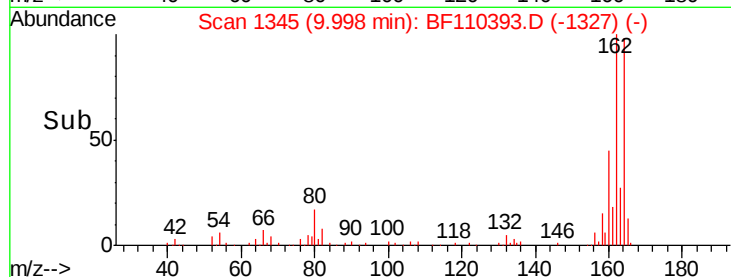
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

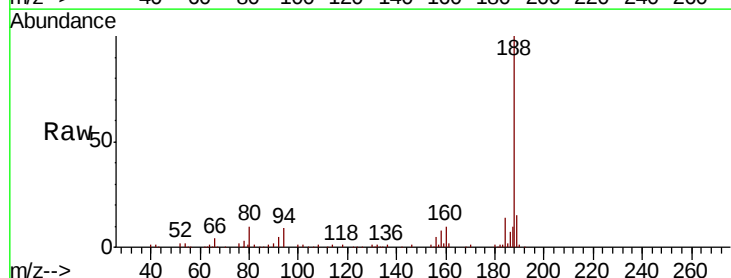
Ion 89.00 (88.70 to 89.70): BF1

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: BF110393.D
 Acq: 2 Nov 2018 5:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	9.9	7.9	11.9

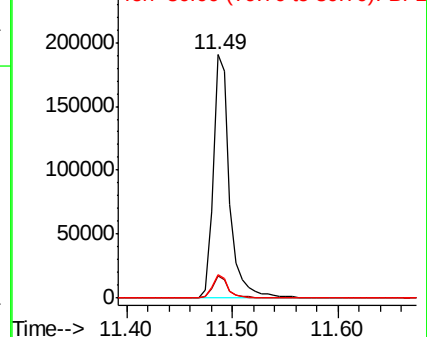
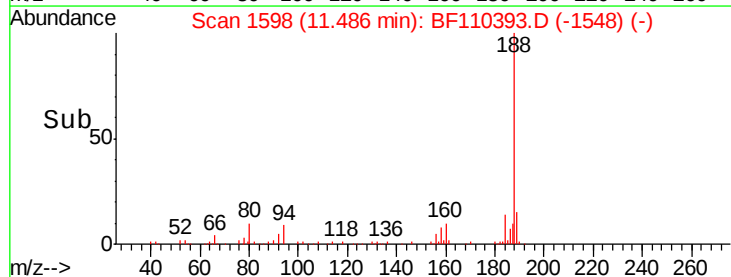


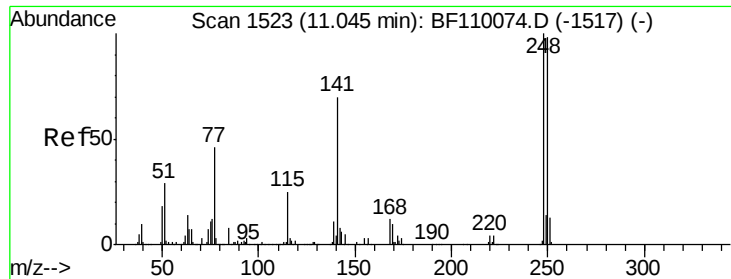
Abundance

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

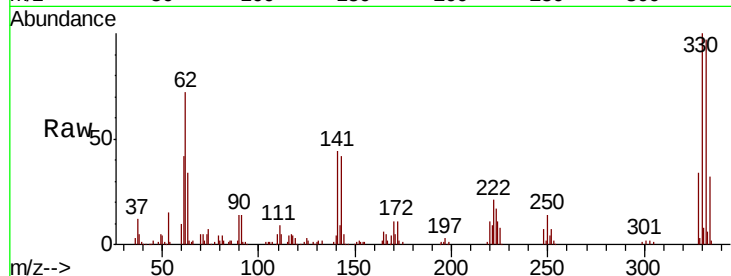




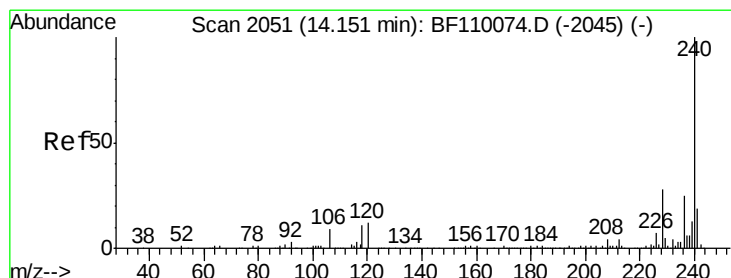
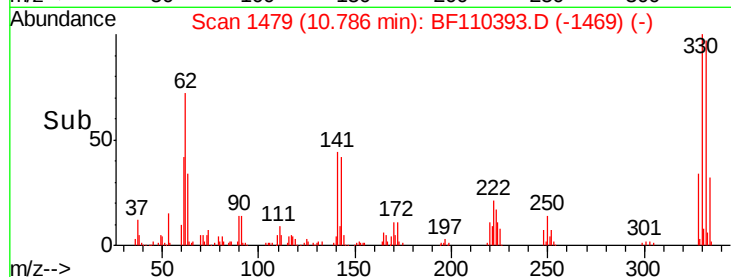
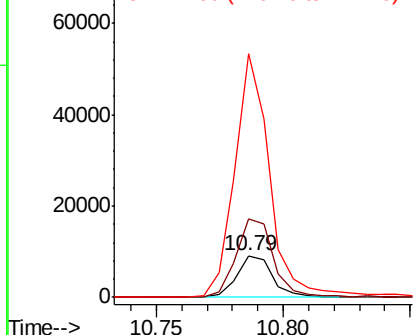
#67
4-Bromophenyl-phenylether
Concen: 3.921 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110393.D
Acq: 2 Nov 2018 5:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8787
Ion Ratio Lower Upper
248 100
250 189.1 79.4 119.2#
141 588.4 55.9 83.9#

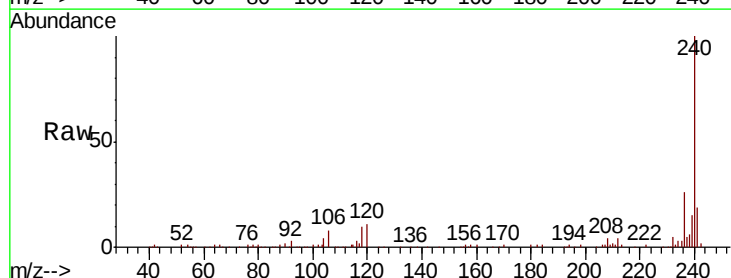


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

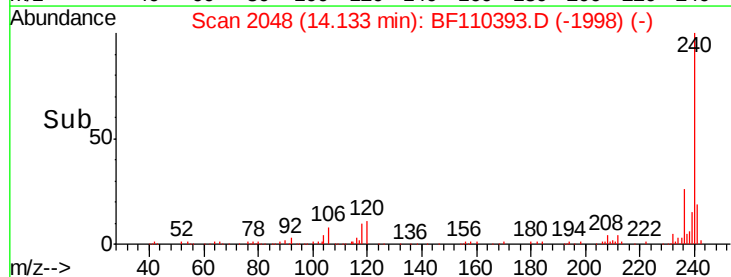
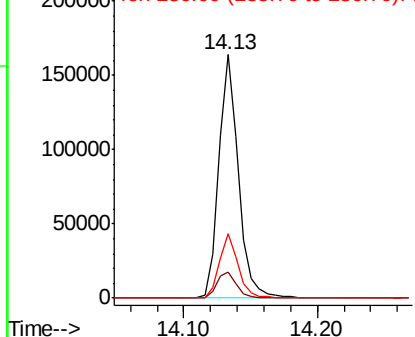


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110393.D
Acq: 2 Nov 2018 5:56

Tgt Ion:240 Resp: 169430
Ion Ratio Lower Upper
240 100
120 10.9 8.3 12.5
236 26.4 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: 79.568 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110393.D

Acq: 2 Nov 2018 5:56

Instrument :

BNA_F

ClientSampleId :

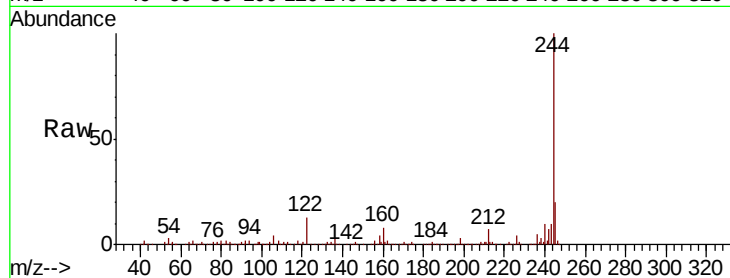
Tot Ion:244 Resp: 648225

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

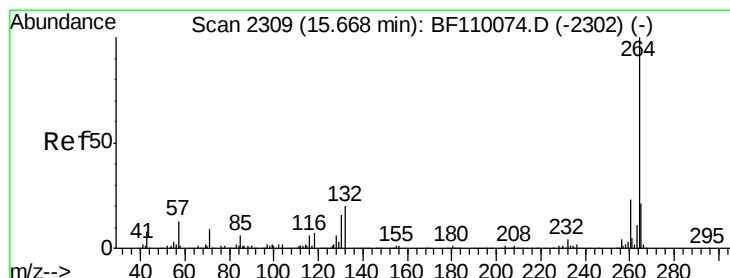
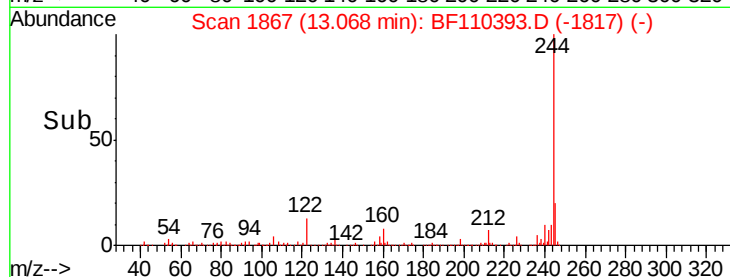
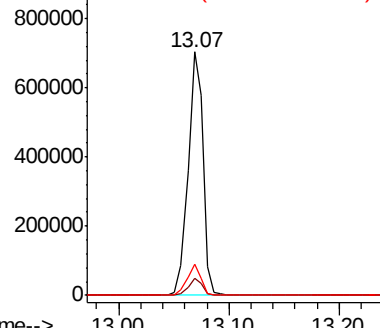
122 12.7 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110393.D

Acq: 2 Nov 2018 5:56

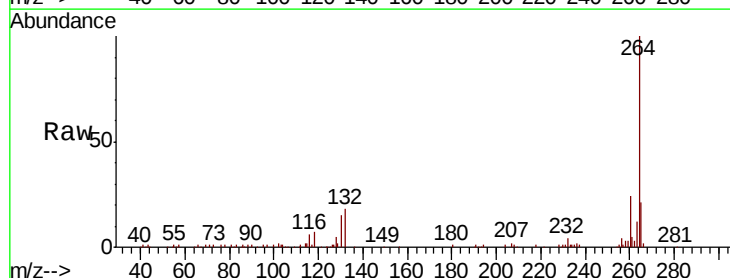
Tgt Ion:264 Resp: 137776

Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 20.8 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

