

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110120.D
 Acq On : 24 Oct 2018 17:37
 Operator : JU/SJ
 Sample : J4771-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 02:13:14 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

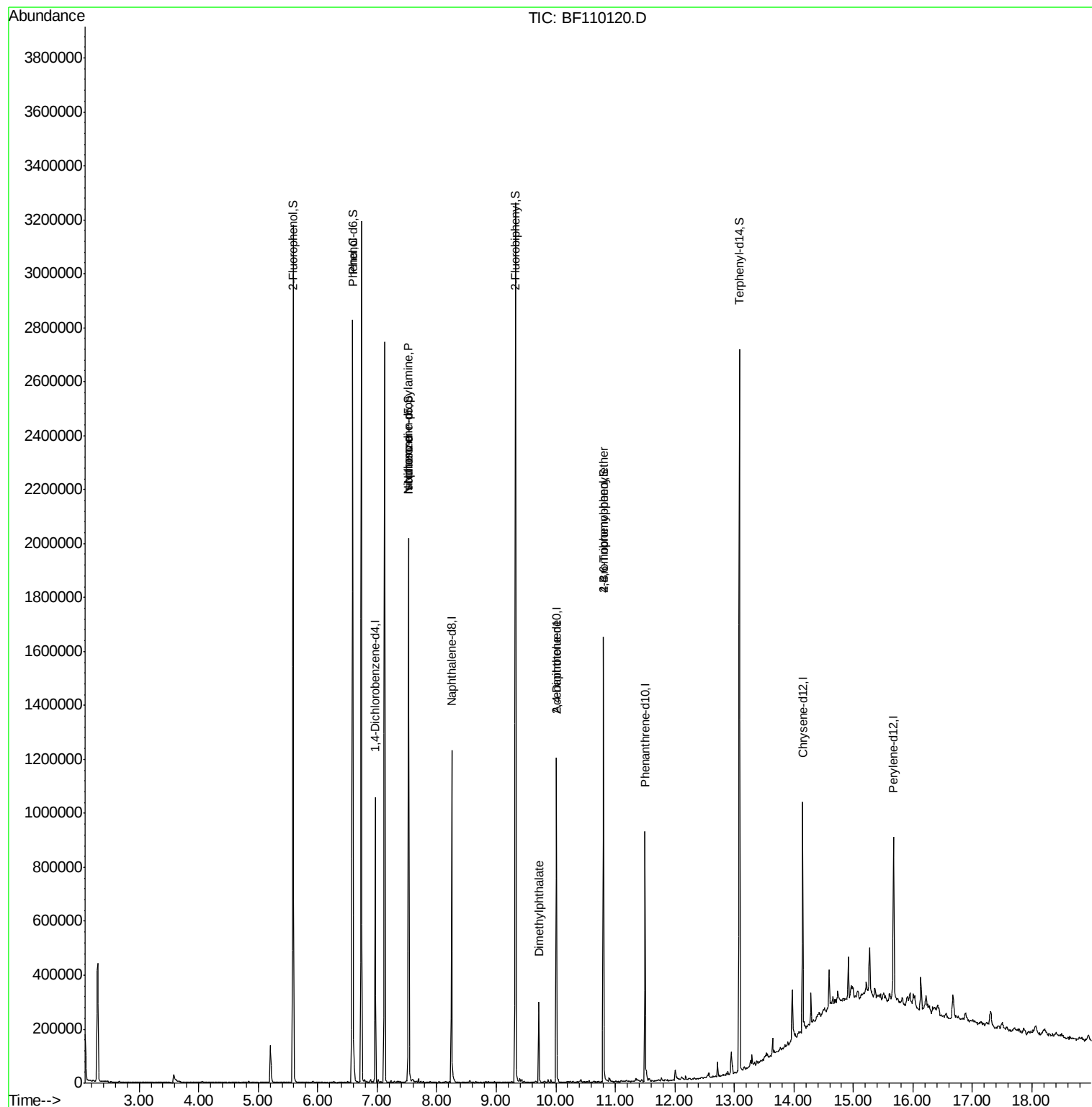
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	149704	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	547214	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	214408	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	348284	20.00	ng	-0.02
76) Chrysene-d12	14.15	240	295691	20.00	ng	-0.01
87) Perylene-d12	15.67	264	218075	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	903063	98.23	ng	0.00
7) Phenol-d6	6.59	99	1105146	93.99	ng	-0.02
23) Nitrobenzene-d5	7.53	82	642703	69.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	179435	84.49	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1011713	74.09	ng	-0.02
79) Terphenyl-d14	13.09	244	808044	56.83	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.59	77	2413	Below Cal	Qvalue	# 1
10) Phenol	6.60	94	62826	4.998 ng	#	68
19) n-Nitroso-di-n-propylamine	7.53	70	87125	11.549 ng	#	80
25) Isophorone	7.53	82	642694	40.867 ng	#	67
50) Dimethylphthalate	9.72	163	119555	7.554 ng		99
57) 2,4-Dinitrotoluene	10.01	165	27518	6.355 ng	#	19
67) 4-Bromophenyl-phenylether	10.80	248	11950	3.163 ng	#	1

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

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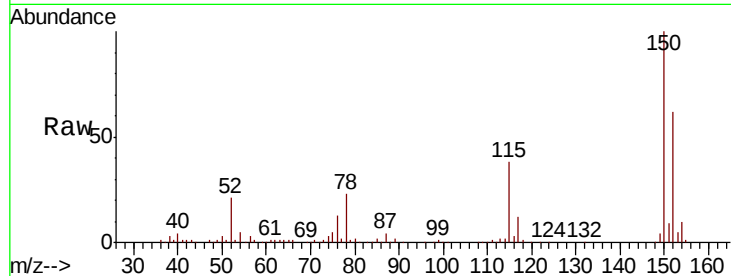




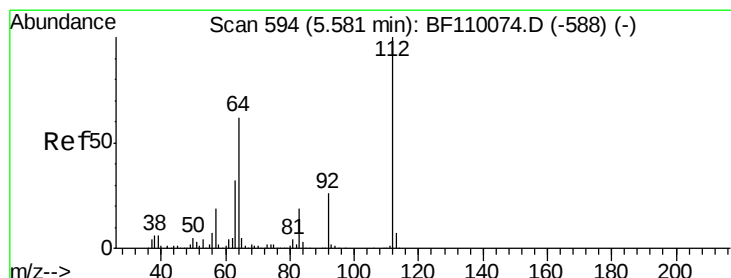
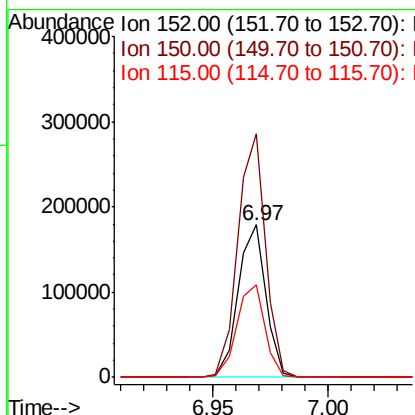
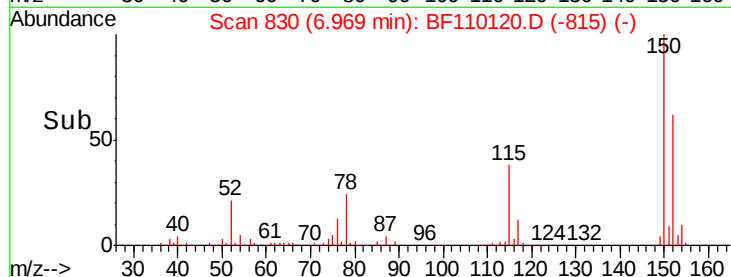
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110120.D
 Acq: 24 Oct 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 149704
 Ion Ratio Lower Upper
 152 100
 150 160.0 122.7 184.1
 115 60.5 49.1 73.7

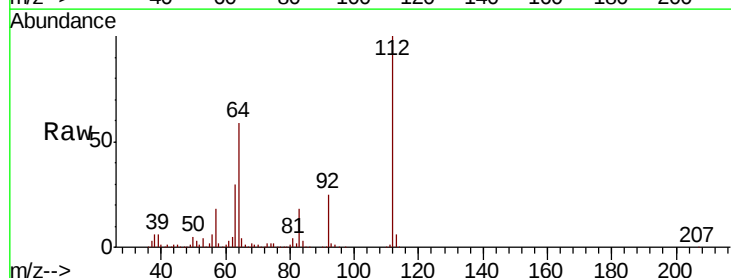


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

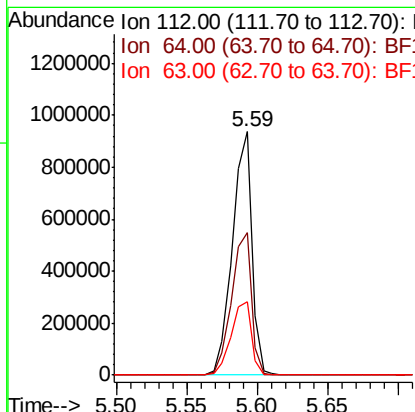
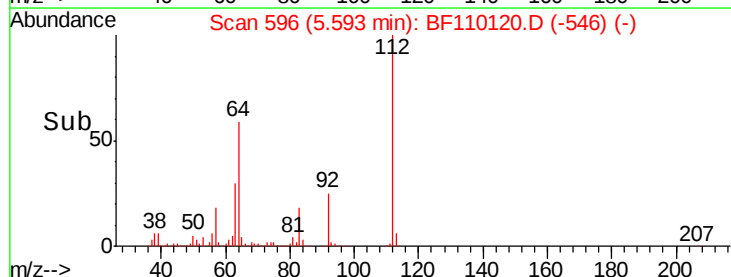


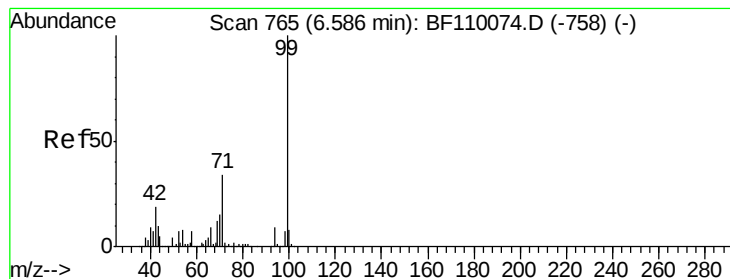
#5
 2-Fluorophenol
 Concen: 98.233 ng
 RT: 5.59 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF110120.D
 Acq: 24 Oct 2018 17:37

Tgt Ion:112 Resp: 903063
 Ion Ratio Lower Upper
 112 100
 64 58.6 44.1 66.1
 63 30.2 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: 93.986 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110120.D

Acq: 24 Oct 2018 17:37

Instrument :

BNA_F

ClientSampled :

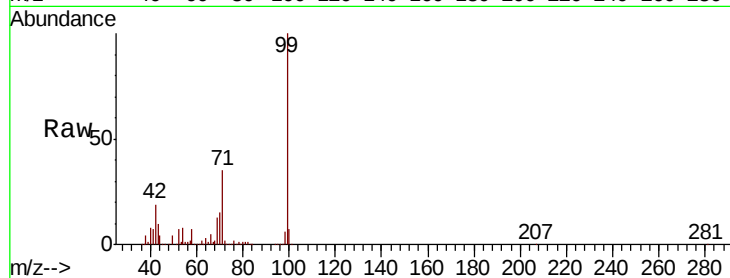
Tot Ion: 99 Resp: 1105146

Ion Ratio Lower Upper

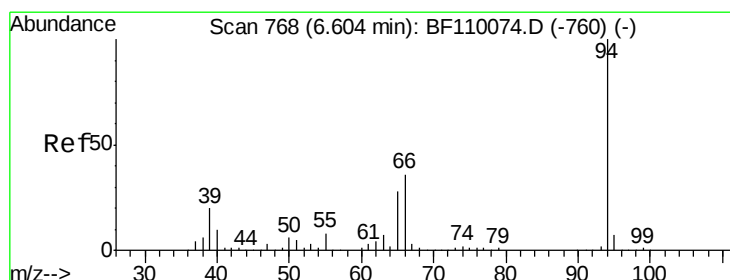
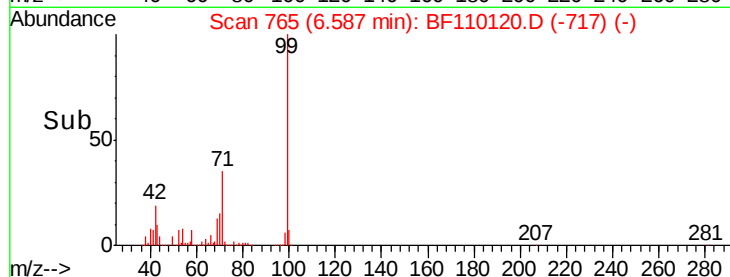
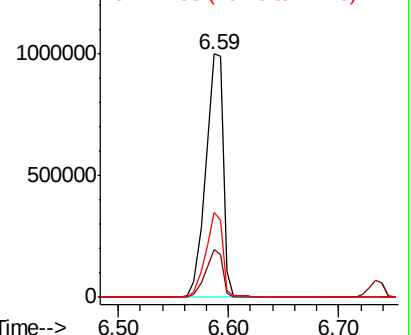
99 100

42 19.5 15.8 23.6

71 34.8 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



#10

Phenol

Concen: 4.998 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF110120.D

Acq: 24 Oct 2018 17:37

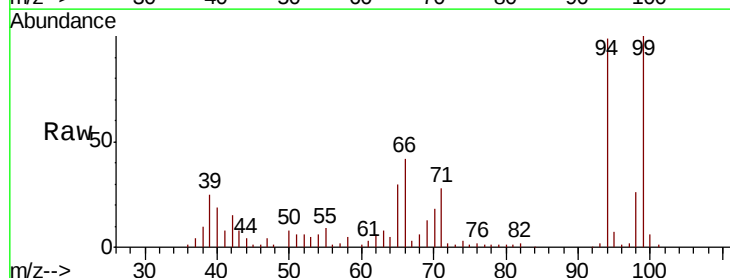
Tgt Ion: 94 Resp: 62826

Ion Ratio Lower Upper

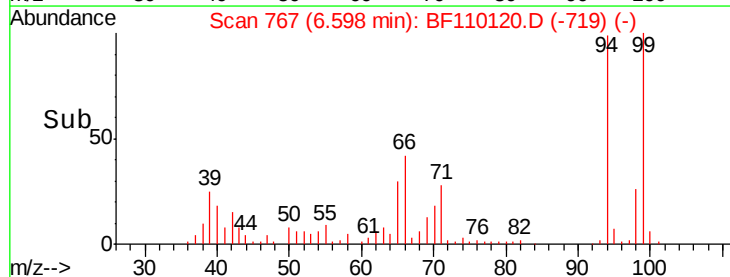
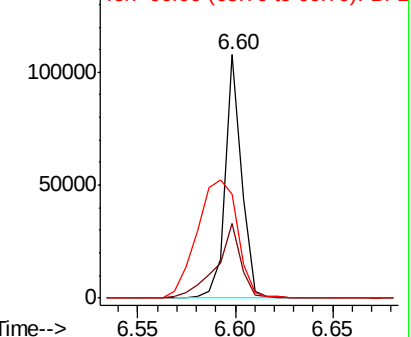
94 100

65 30.4 25.3 65.3

66 42.6 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

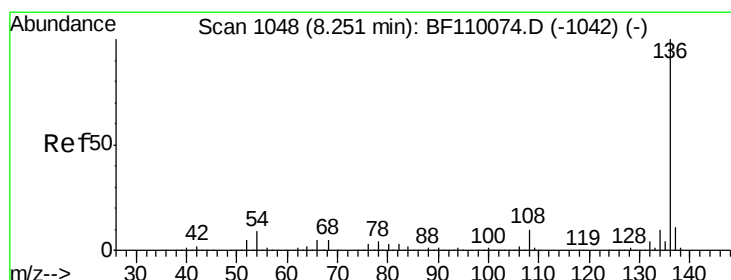
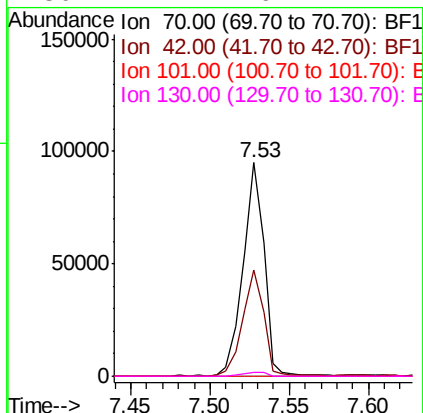
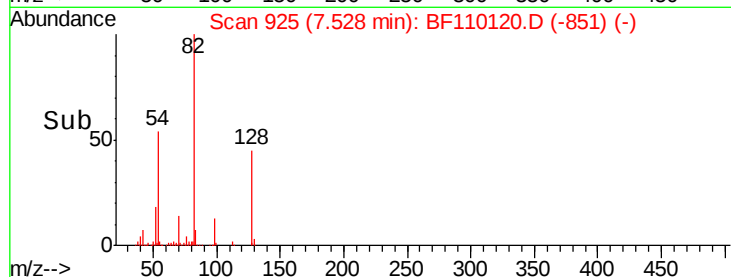
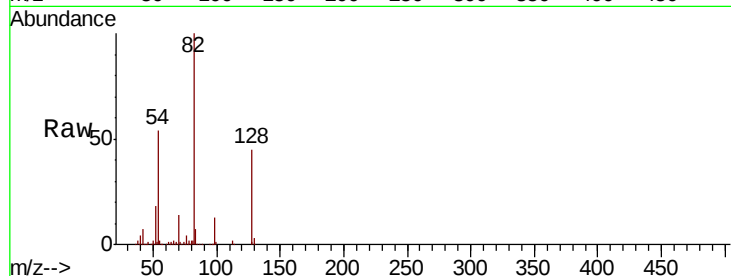




#19
n-Nitroso-di-n-propylamine
Concen: 11.549 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110120.D
Acq: 24 Oct 2018 17:37

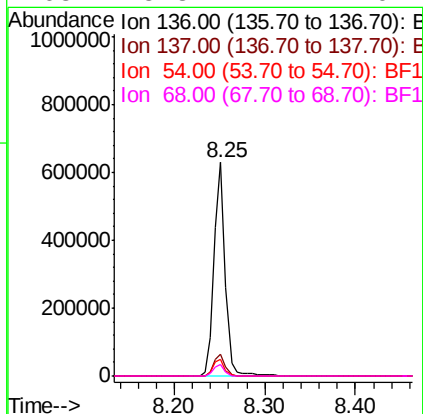
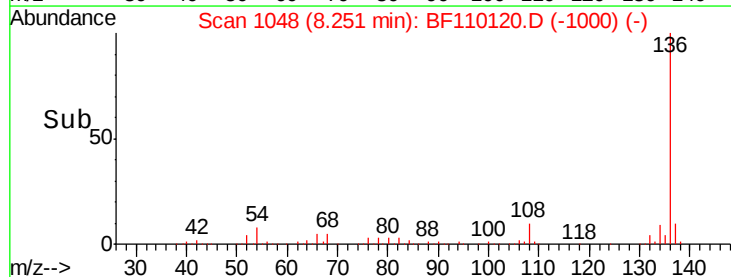
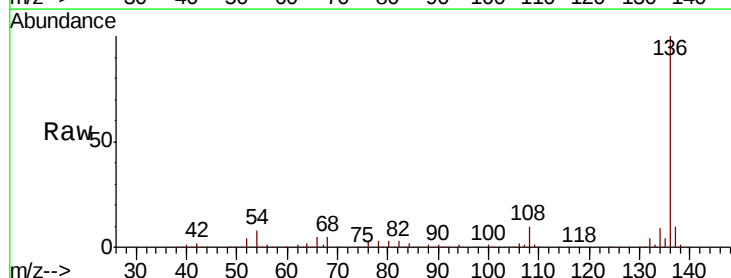
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 87125
Ion Ratio Lower Upper
70 100
42 49.6 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110120.D
Acq: 24 Oct 2018 17:37

Tgt Ion: 136 Resp: 547214
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.9 5.4 8.2
68 5.3 4.2 6.2

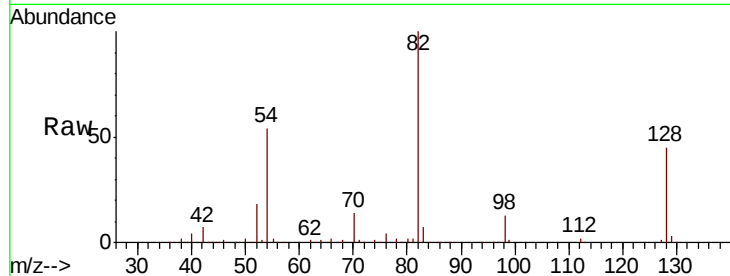




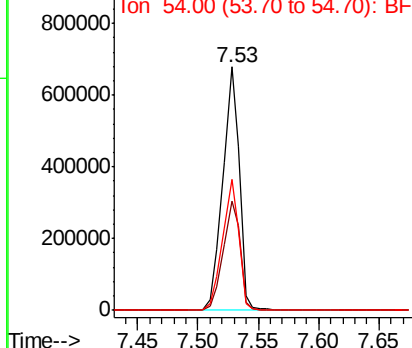
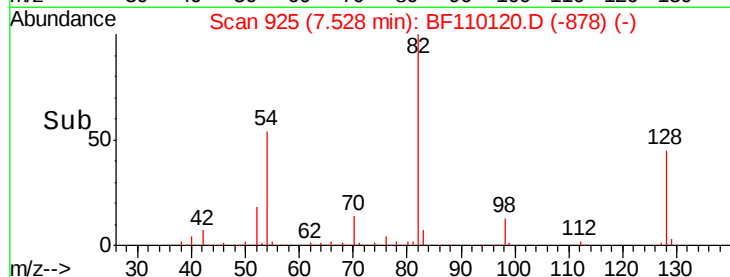
#23
 Nitrobenzene-d5
 Concen: 69.663 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110120.D
 Acq: 24 Oct 2018 17:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	642703
Ion Ratio	100	Lower	Upper
128	44.7	34.2	51.2
54	53.9	38.6	58.0

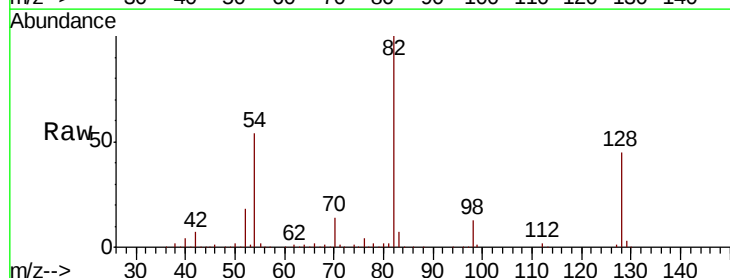


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

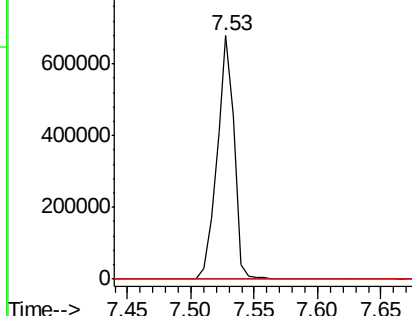
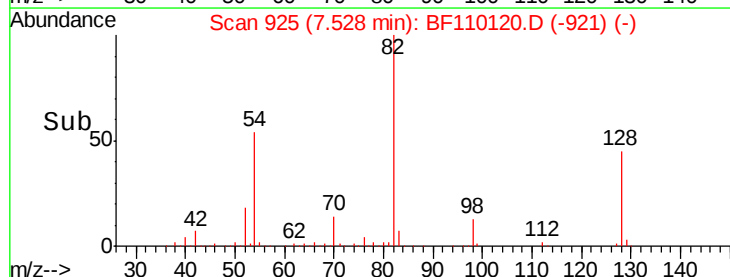


#25
 Isophorone
 Concen: 40.867 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.28 min
 Lab File: BF110120.D
 Acq: 24 Oct 2018 17:37

Tgt Ion	82	Resp	642694
Ion Ratio	100	Lower	Upper
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. -0.02 min

Lab File: BF110120.D

Acq: 24 Oct 2018 17:37

Instrument :

BNA_F

ClientSampleId :

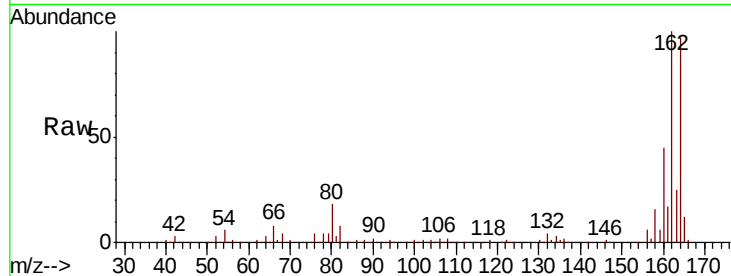
Tot Ion:164 Resp: 214408

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.6

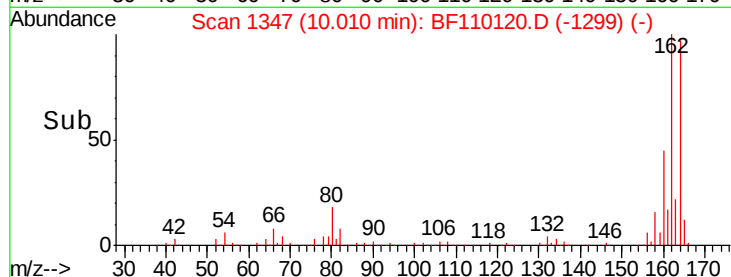
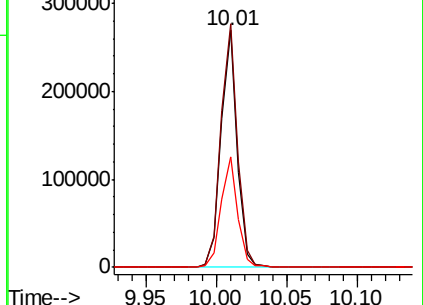
160 46.8 37.0 55.6



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: 84.486 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110120.D

Acq: 24 Oct 2018 17:37

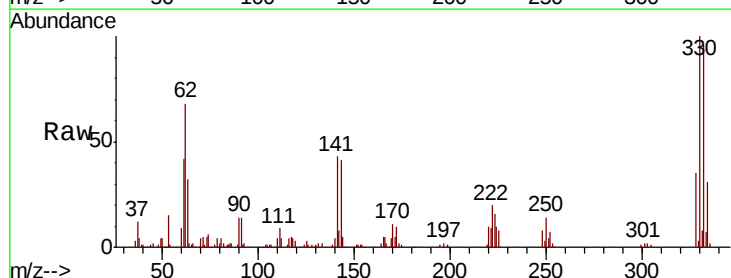
Tgt Ion:330 Resp: 179435

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

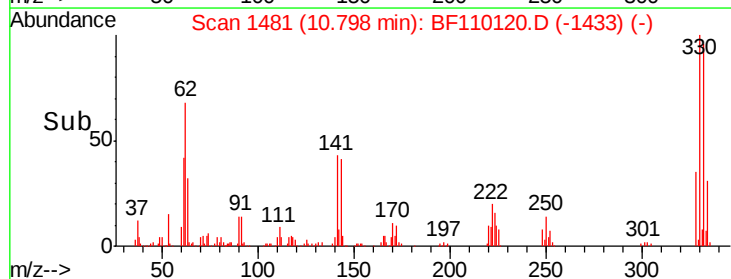
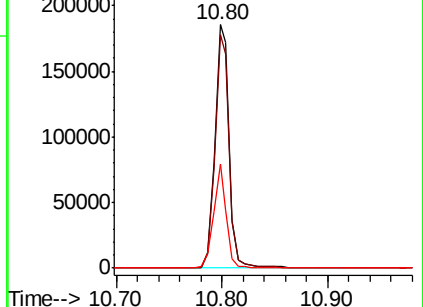
141 37.6 27.0 40.4

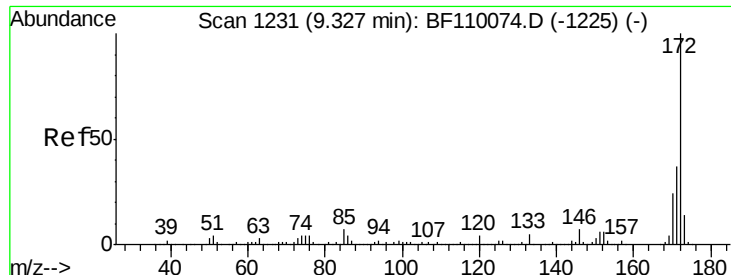


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

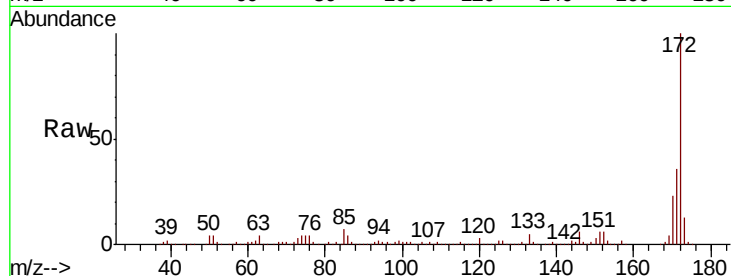




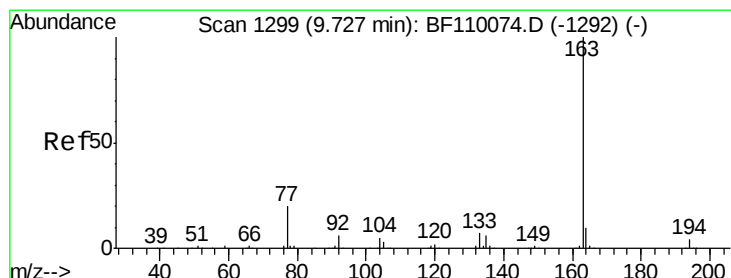
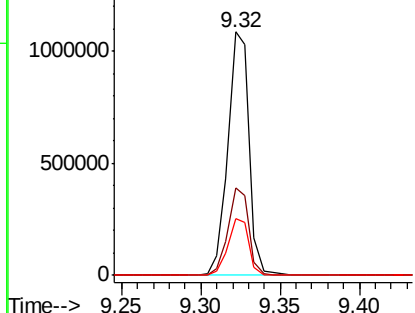
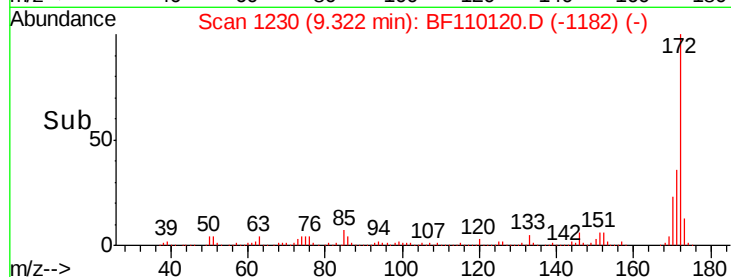
#45
2-Fluorobiphenyl
Concen: 74.095 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110120.D
Acq: 24 Oct 2018 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1011713
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.4 19.7 29.5

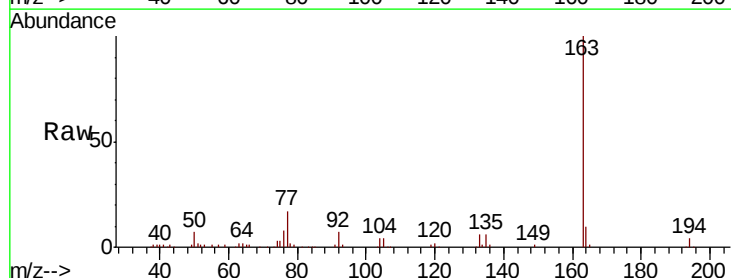


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

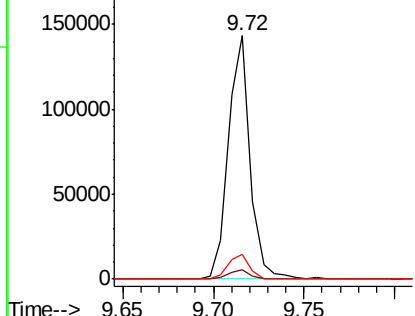
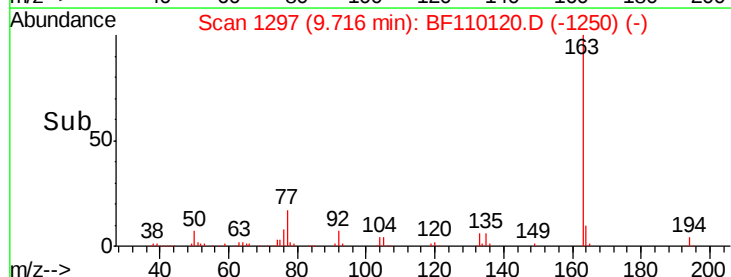


#50
Dimethylphthalate
Concen: 7.554 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF110120.D
Acq: 24 Oct 2018 17:37

Tgt Ion:163 Resp: 119555
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

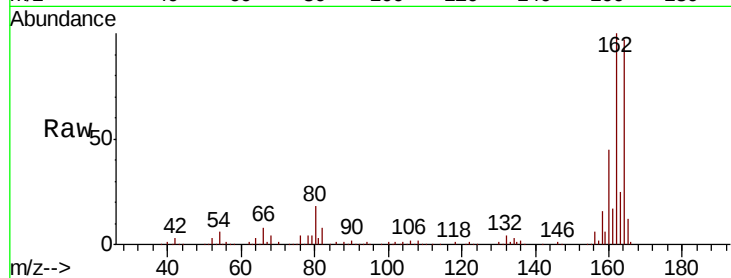




#57
2,4-Dinitrotoluene
Concen: 6.355 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110120.D
Acq: 24 Oct 2018 17:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.0	62.2	93.4#
182	0.0	2.1	3.1#



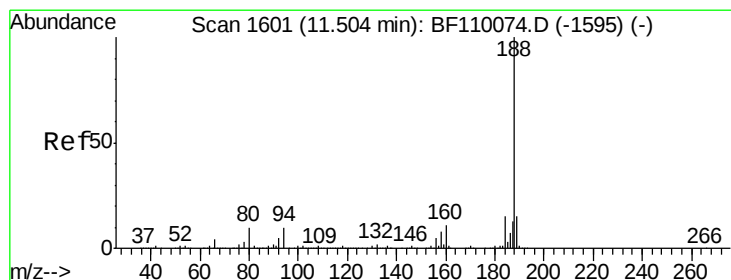
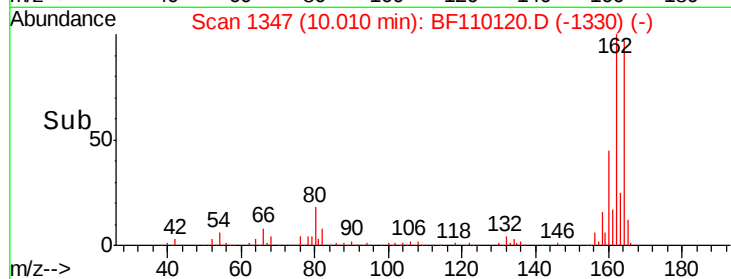
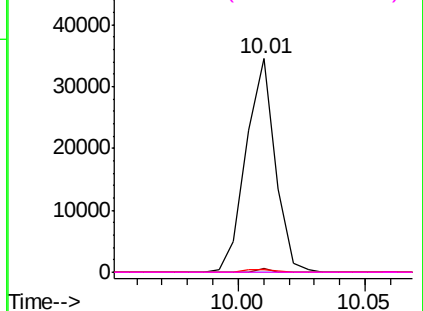
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

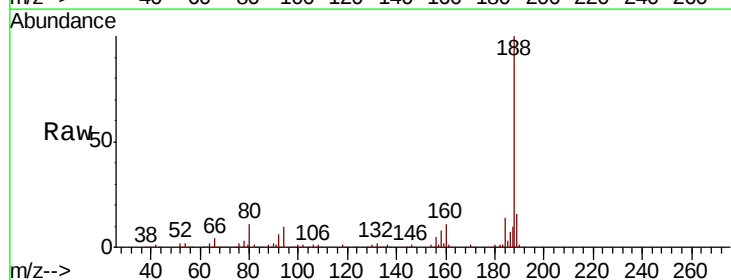
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110120.D
Acq: 24 Oct 2018 17:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.2	10.8
80	11.2	7.9	11.9

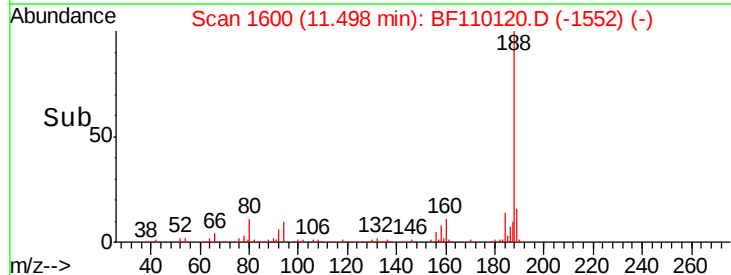
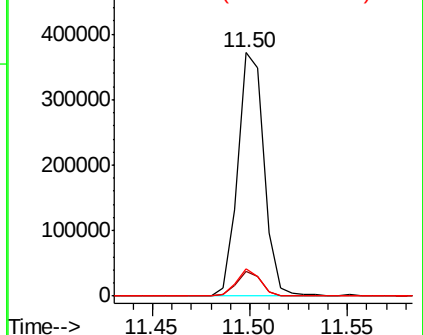


Abundance

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

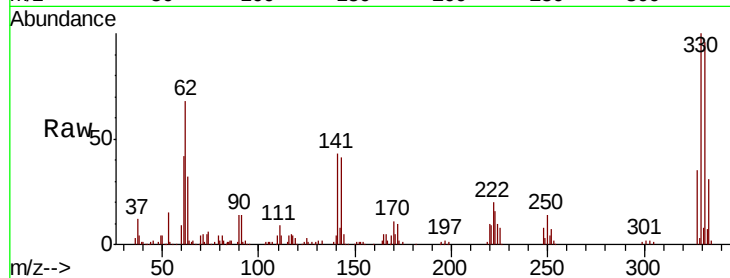




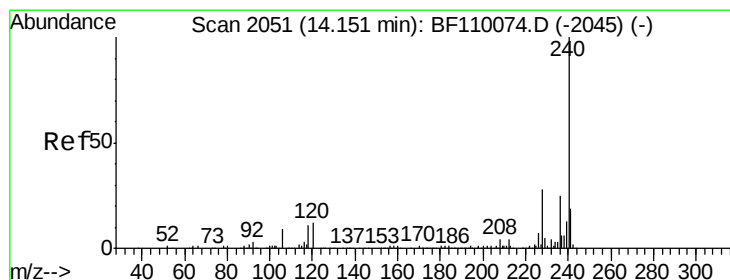
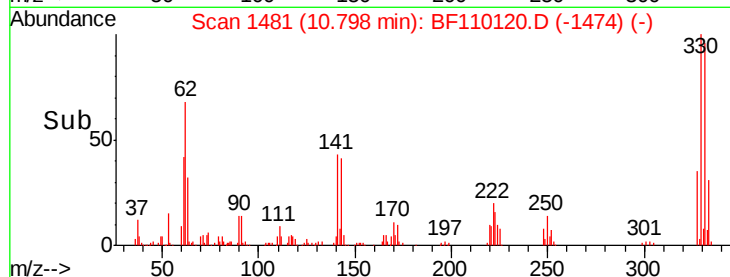
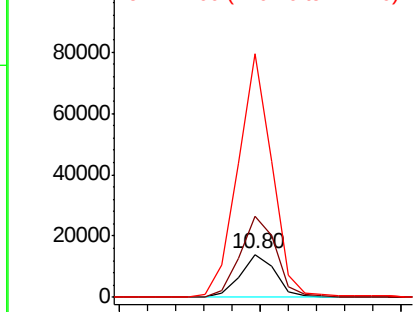
#67
4-Bromophenyl-phenylether
Concen: 3.163 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110120.D
Acq: 24 Oct 2018 17:37

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 11950
Ion Ratio Lower Upper
248 100
250 189.7 79.4 119.2#
141 570.4 55.9 83.9#

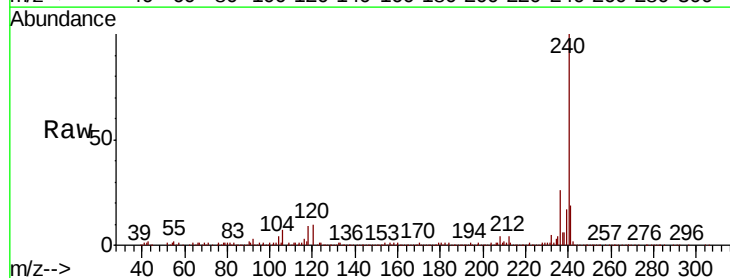


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

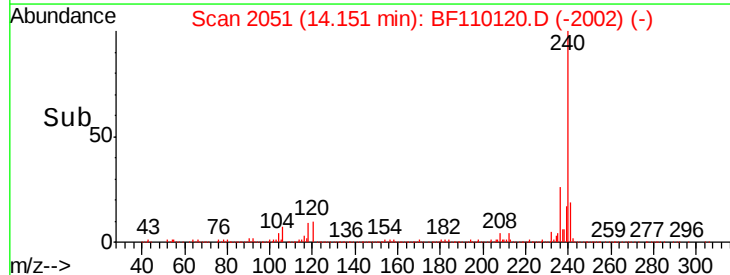
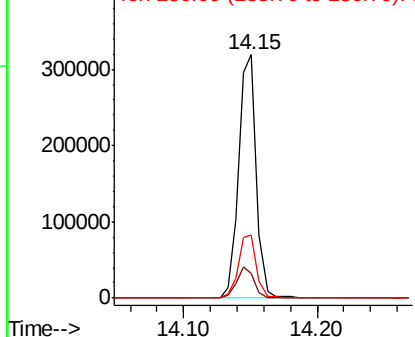


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110120.D
Acq: 24 Oct 2018 17:37

Tgt Ion:240 Resp: 295691
Ion Ratio Lower Upper
240 100
120 10.4 8.3 12.5
236 25.7 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: 56.833 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110120.D

Acq: 24 Oct 2018 17:37

Instrument :

BNA_F

ClientSampleId :

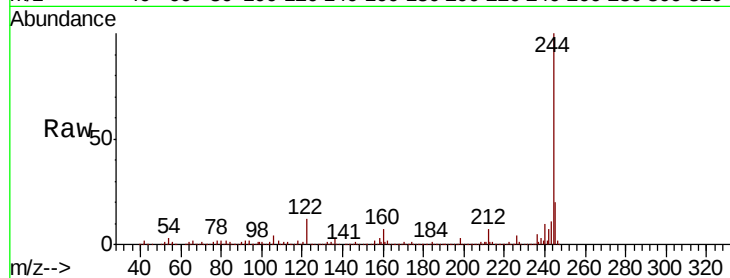
Tot Ion:244 Resp: 808044

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

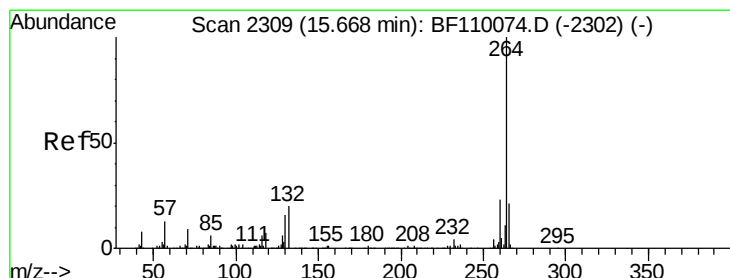
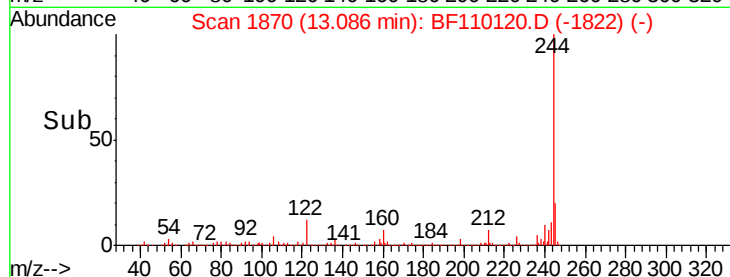
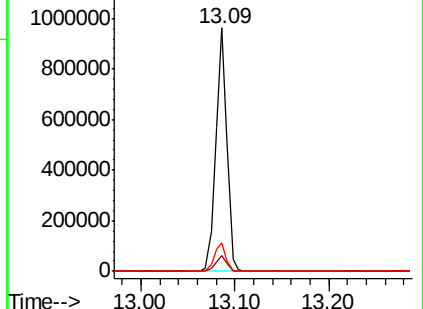
122 11.9 8.7 13.1



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: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110120.D

Acq: 24 Oct 2018 17:37

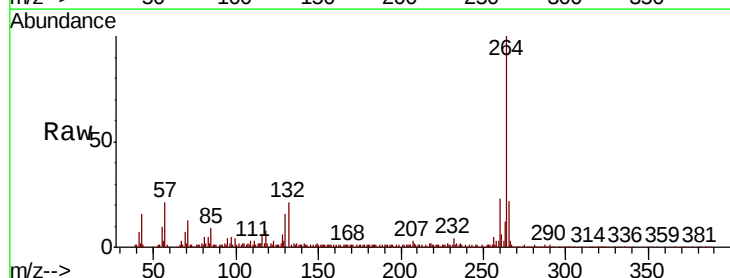
Tgt Ion:264 Resp: 218075

Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 22.1 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

