

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110676.D
 Acq On : 12 Nov 2018 16:01
 Operator : JU/SJ
 Sample : J5901-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 12 17:36:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	78047	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	324318	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	158571	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	305216	20.00	ng	0.00
76) Chrysene-d12	14.13	240	192311	20.00	ng	-0.01
87) Perylene-d12	15.66	264	148131	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	513536	106.88	ng	0.00
7) Phenol-d6	6.57	99	662748	107.86	ng	0.00
23) Nitrobenzene-d5	7.51	82	416108	73.89	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	130307	81.55	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	790159	71.17	ng	0.00
79) Terphenyl-d14	13.06	244	751712	73.20	ng	0.00

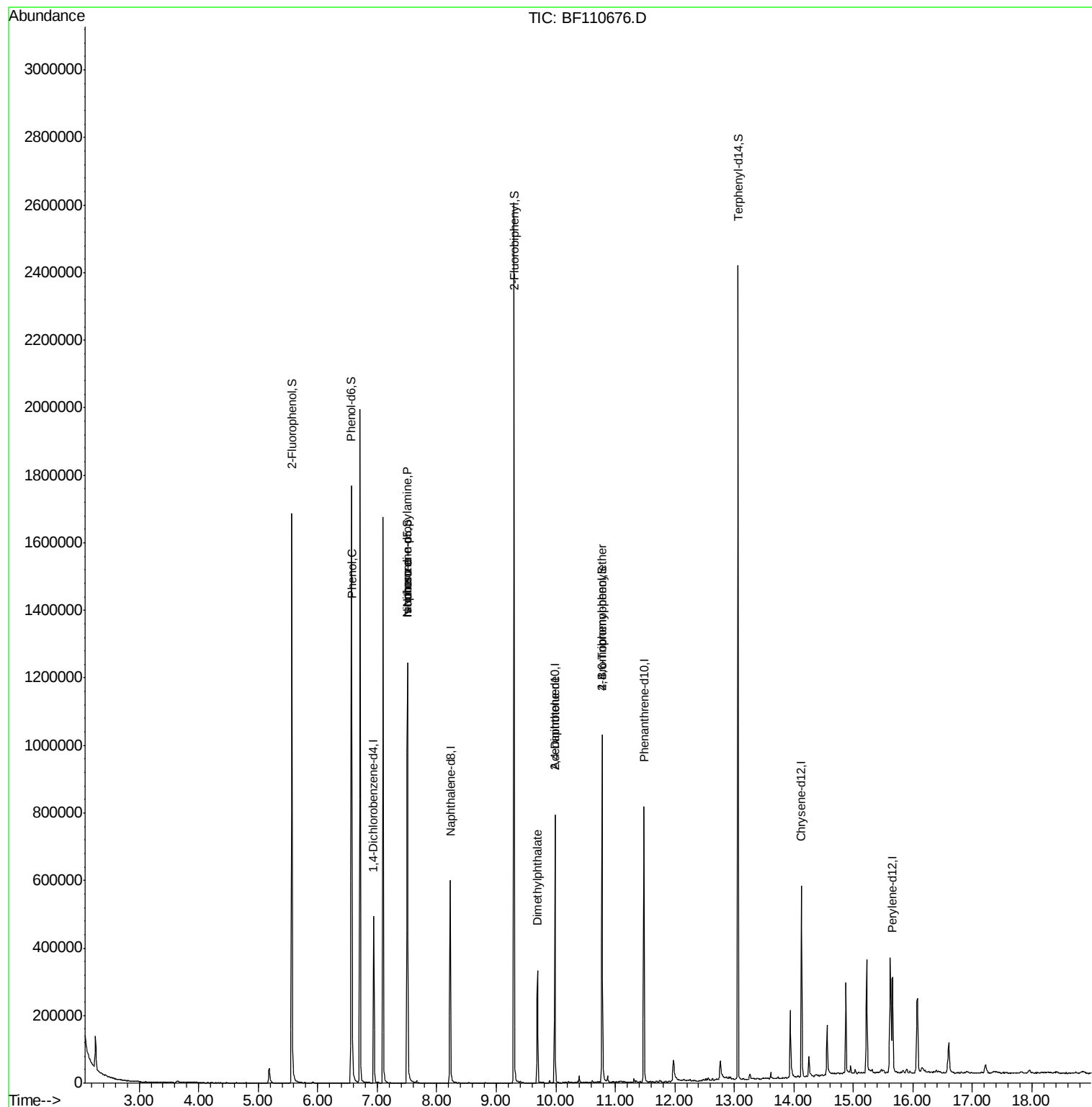
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	1164	Below Cal		# 1
10) Phenol	6.58	94	38536	5.409	ng	# 66
19) n-Nitroso-di-n-propylamine	7.51	70	54694	13.945	ng	# 78
25) Isophorone	7.51	82	416159	45.087	ng	# 67
50) Dimethylphthalate	9.69	163	141591	11.967	ng	99
57) 2,4-Dinitrotoluene	9.99	165	19712	5.825	ng	# 19
67) 4-Bromophenyl-phenylether	10.78	248	8595	2.548	ng	# 1

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

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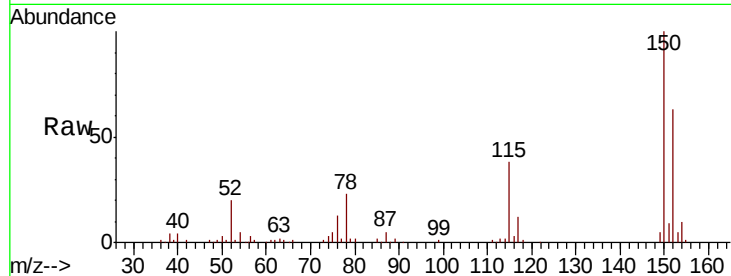


#1

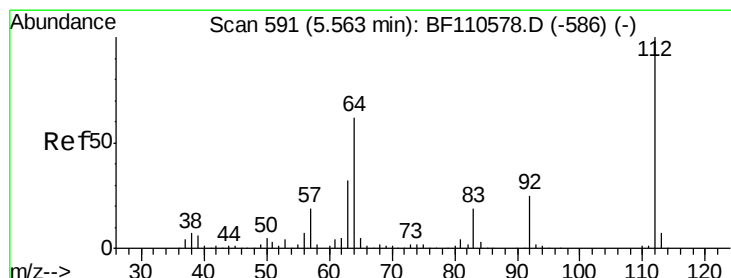
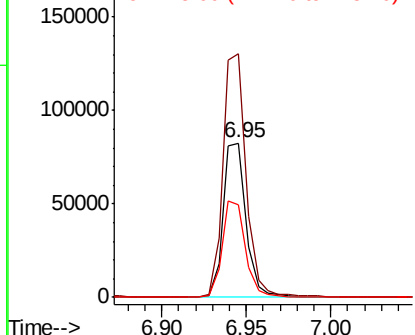
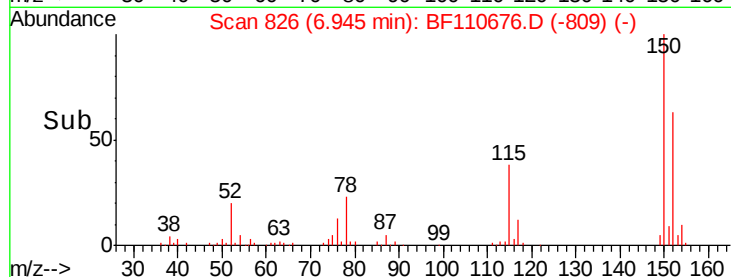
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110676.D
Acq: 12 Nov 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78047
Ion Ratio Lower Upper
152 100
150 158.1 122.7 184.1
115 59.7 49.1 73.7



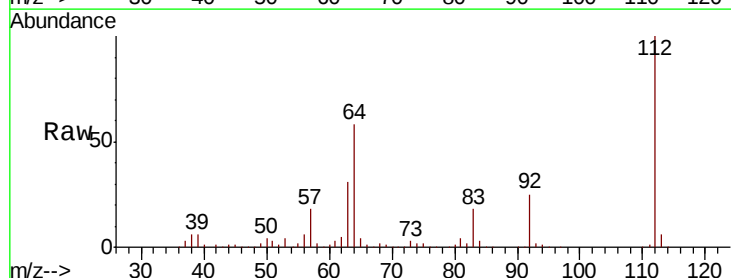
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



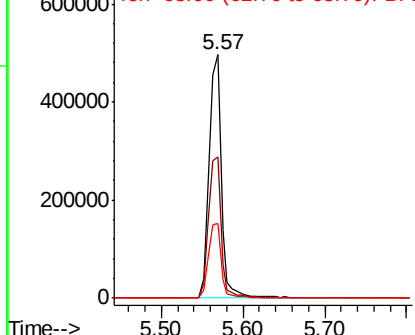
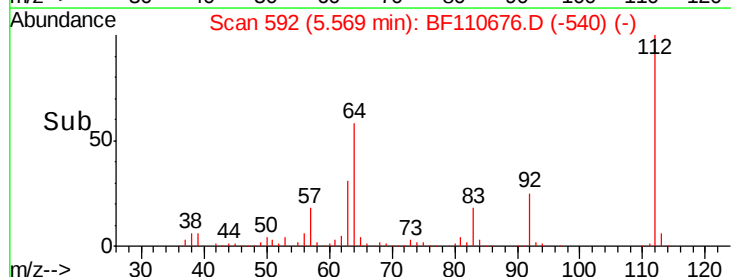
#5

2-Fluorophenol
Concen: 106.877 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110676.D
Acq: 12 Nov 2018 16:01

Tgt Ion:112 Resp: 513536
Ion Ratio Lower Upper
112 100
64 57.8 44.1 66.1
63 30.7 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: 107.863 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110676.D

Acq: 12 Nov 2018 16:01

Instrument :

BNA_F

ClientSampleId :

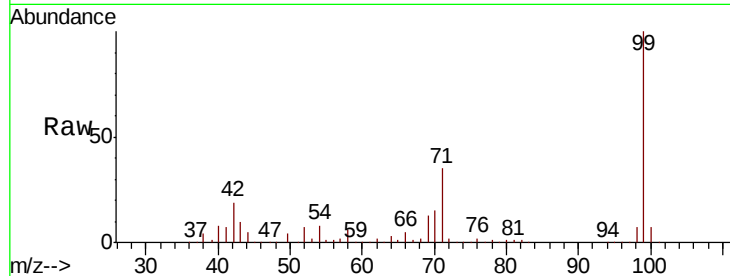
Tot Ion: 99 Resp: 662748

Ion Ratio Lower Upper

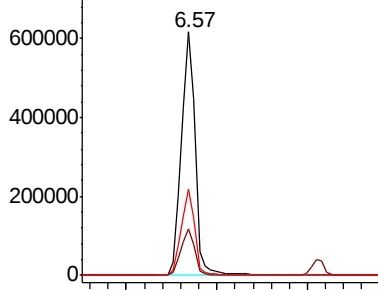
99 100

42 19.2 15.8 23.6

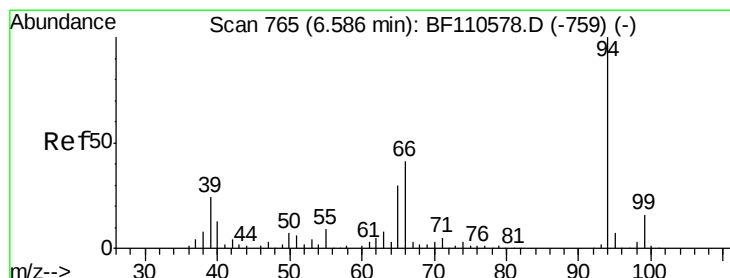
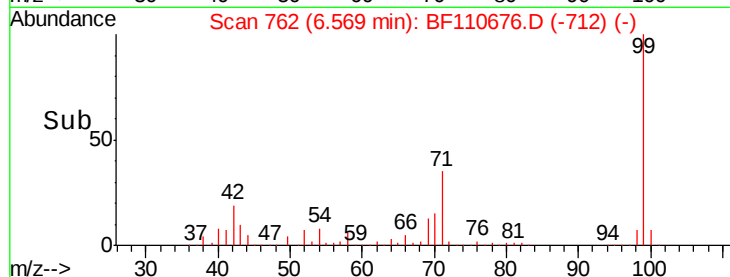
71 35.5 28.0 42.0



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



Time-->



#10

Phenol

Concen: 5.409 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110676.D

Acq: 12 Nov 2018 16:01

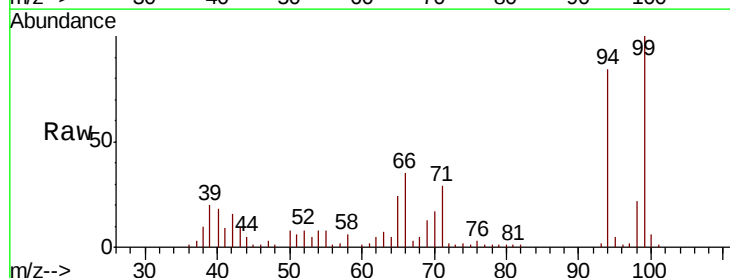
Tgt Ion: 94 Resp: 38536

Ion Ratio Lower Upper

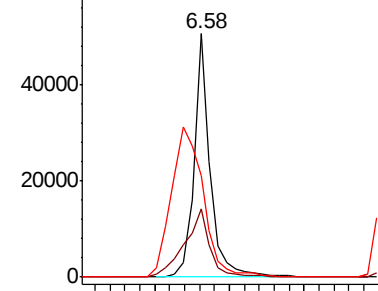
94 100

65 28.3 25.3 65.3

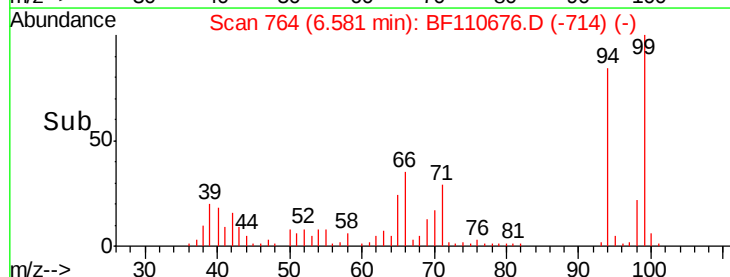
66 41.9 54.5 94.5#



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



Time-->

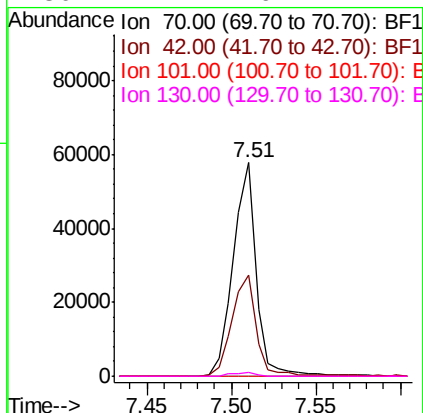
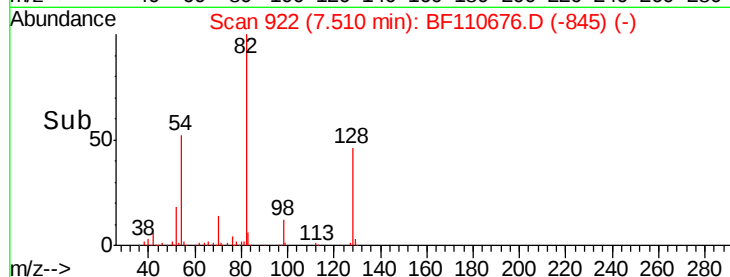
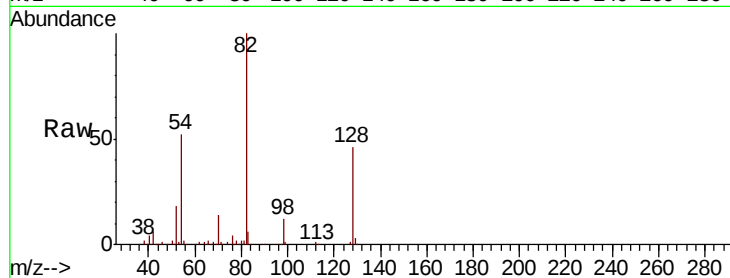




#19
n-Nitroso-di-n-propylamine
Concen: 13.945 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110676.D
Acq: 12 Nov 2018 16:01

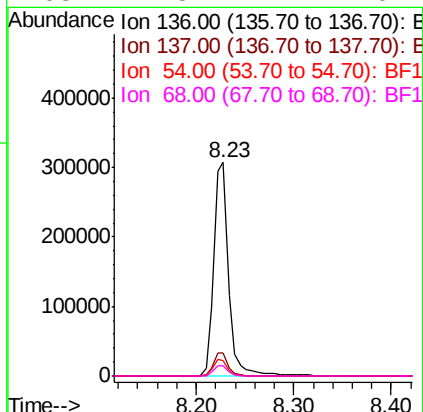
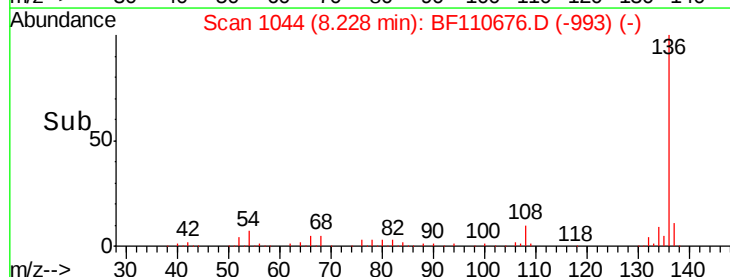
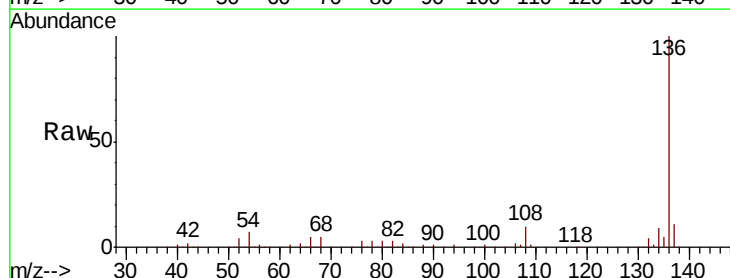
Instrument :
BNA_F
ClientSampled :

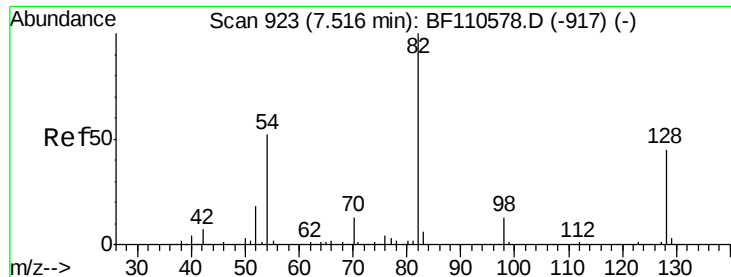
Tot Ion: 70 Resp: 54694
Ion Ratio Lower Upper
70 100
42 47.6 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110676.D
Acq: 12 Nov 2018 16:01

Tgt Ion: 136 Resp: 324318
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.5 5.4 8.2
68 4.8 4.2 6.2

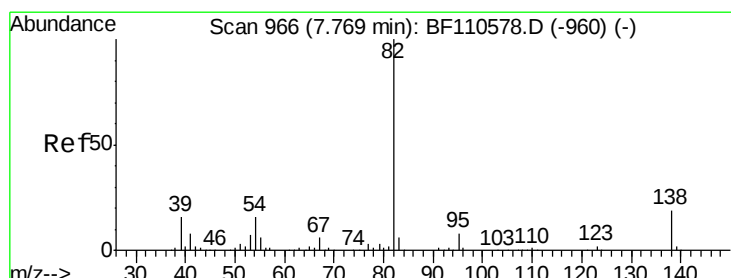
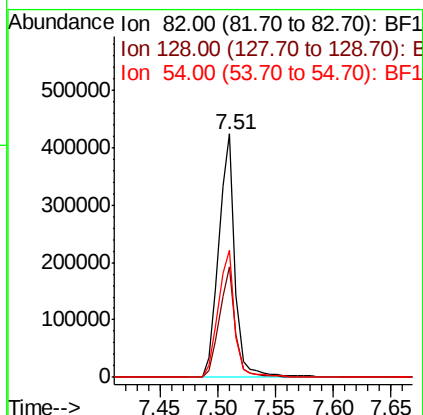
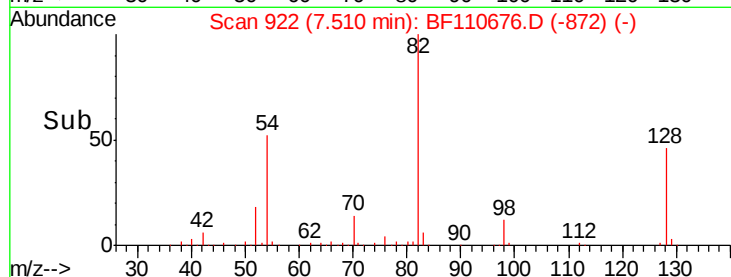
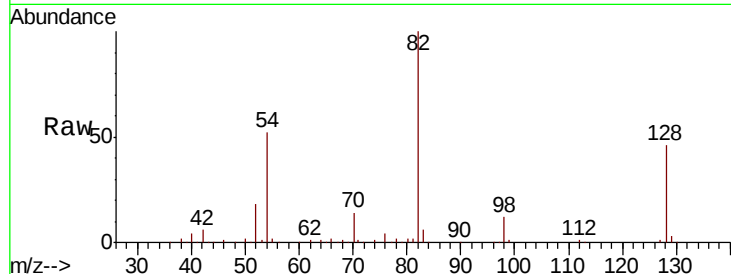




#23
 Nitrobenzene-d5
 Concen: 73.889 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110676.D
 Acq: 12 Nov 2018 16:01

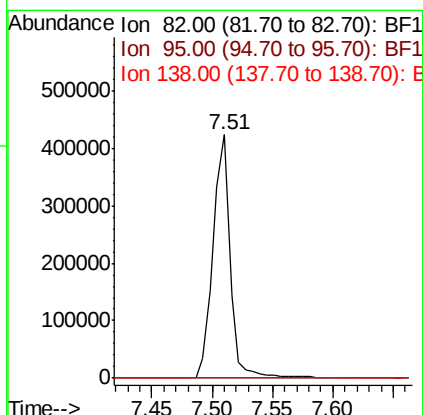
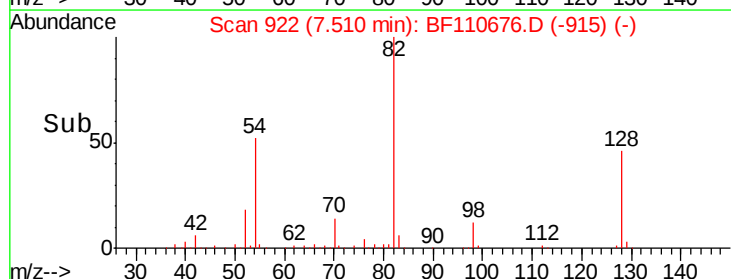
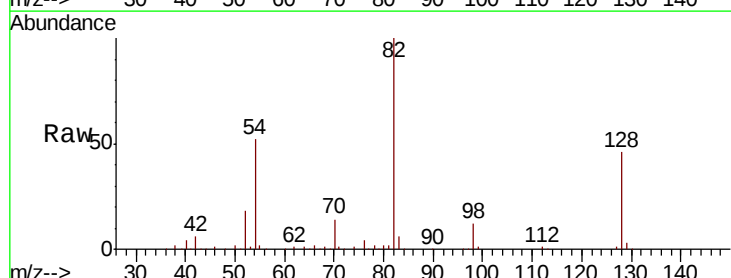
Instrument :
 BNA_F
 ClientSampleId :

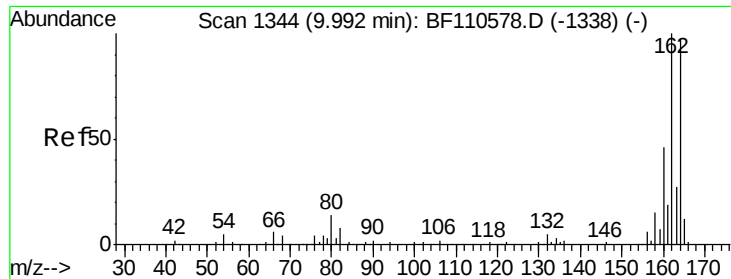
Tot Ion: 82 Resp: 416108
 Ion Ratio Lower Upper
 82 100
 128 45.6 34.2 51.2
 54 52.1 38.6 58.0



#25
 Isophorone
 Concen: 45.087 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110676.D
 Acq: 12 Nov 2018 16:01

Tgt Ion: 82 Resp: 416159
 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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110676.D

Acq: 12 Nov 2018 16:01

Instrument :

BNA_F

ClientSampleId :

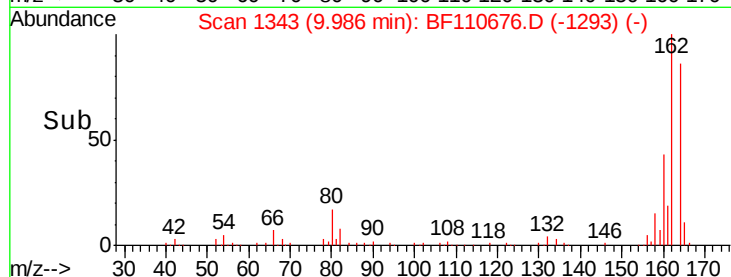
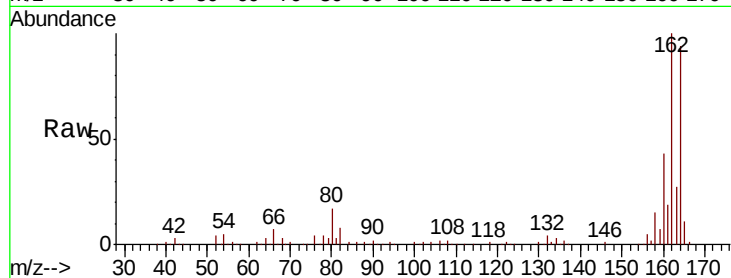
Tot Ion:164 Resp: 158571

Ion Ratio Lower Upper

164 100

162 106.0 83.0 124.6

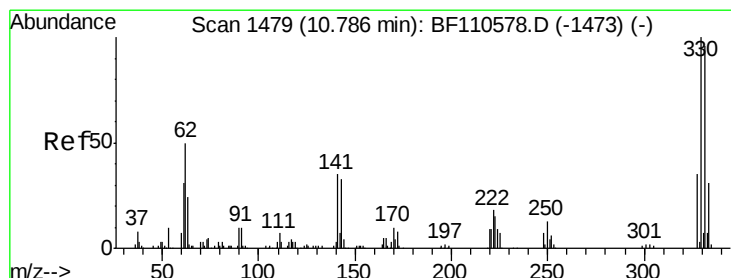
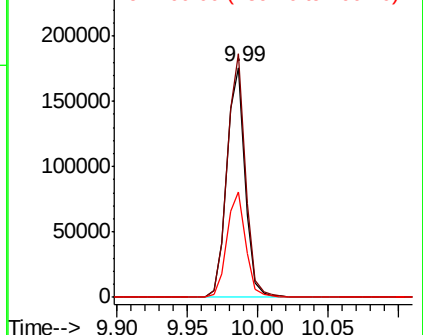
160 45.8 37.0 55.6



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: 81.554 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110676.D

Acq: 12 Nov 2018 16:01

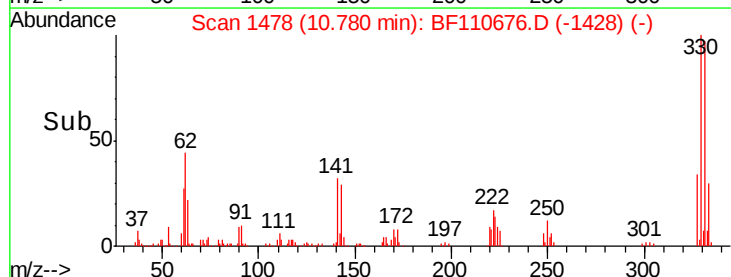
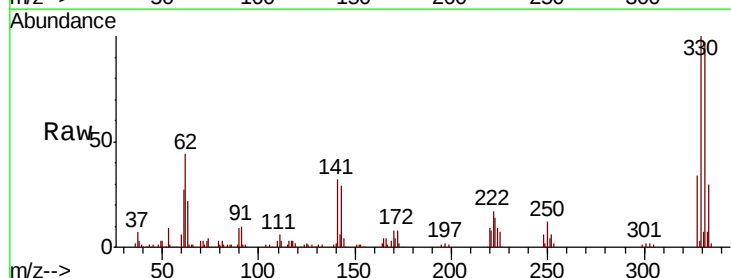
Tgt Ion:330 Resp: 130307

Ion Ratio Lower Upper

330 100

332 94.5 77.1 115.7

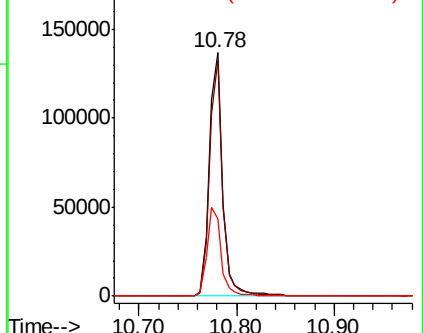
141 38.0 27.0 40.4

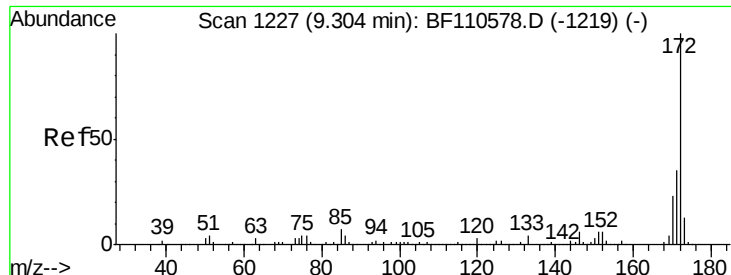


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

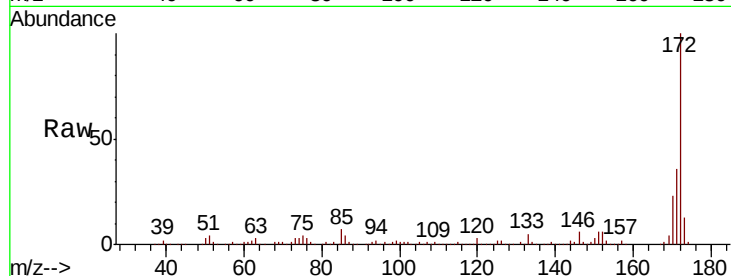




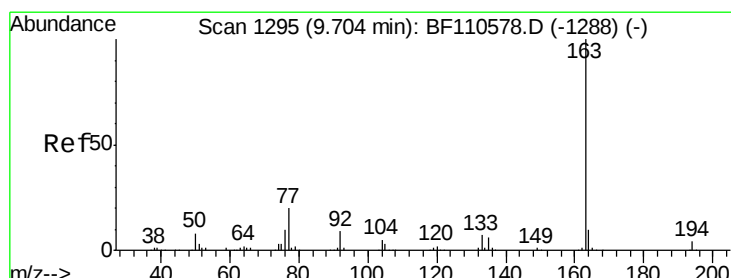
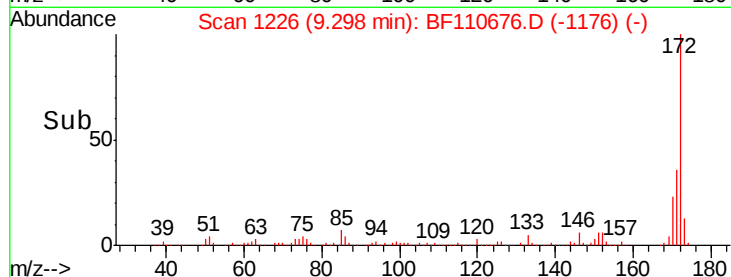
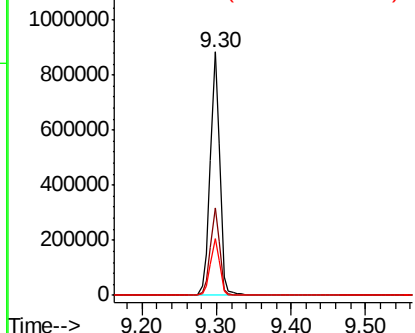
#45
2-Fluorobiphenyl
Concen: 71.166 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110676.D
Acq: 12 Nov 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 790159
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 23.3 19.7 29.5

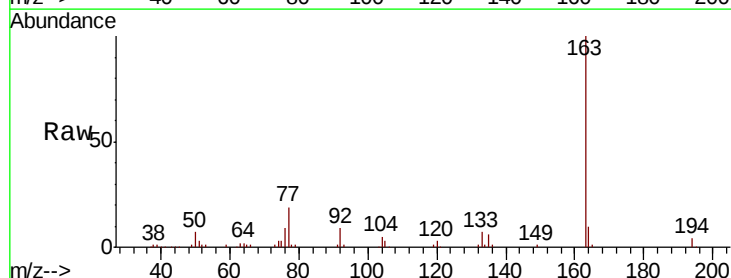


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

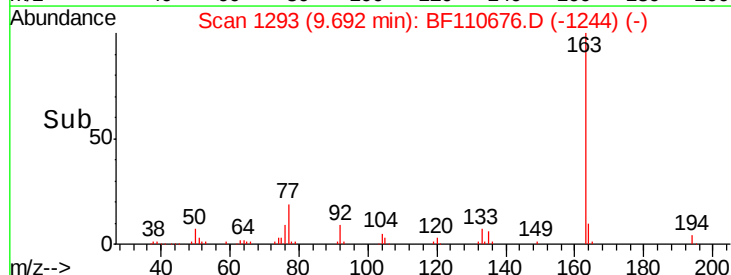
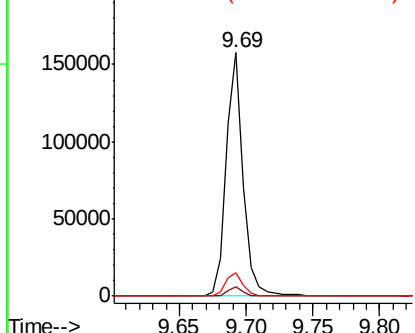


#50
Dimethylphthalate
Concen: 11.967 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110676.D
Acq: 12 Nov 2018 16:01

Tgt Ion:163 Resp: 141591
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.9 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

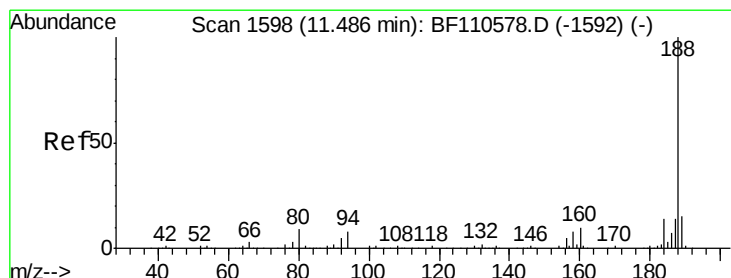
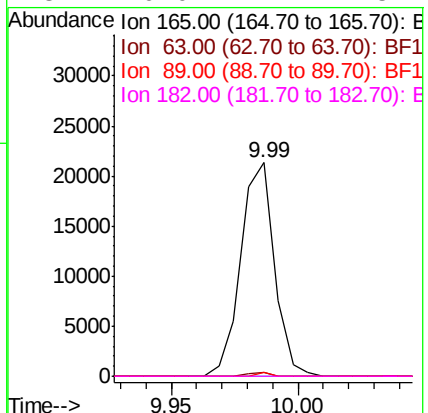
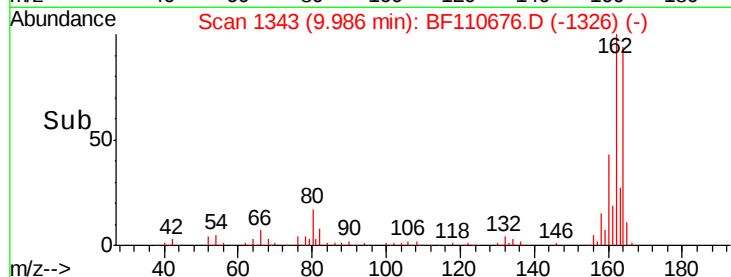
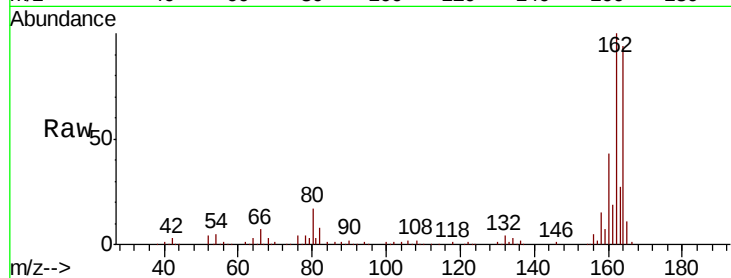




#57
 2,4-Dinitrotoluene
 Concen: 5.825 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110676.D
 Acq: 12 Nov 2018 16:01

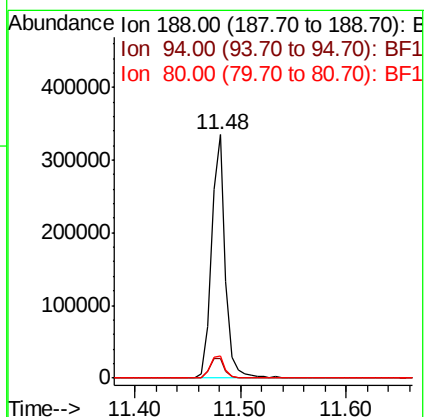
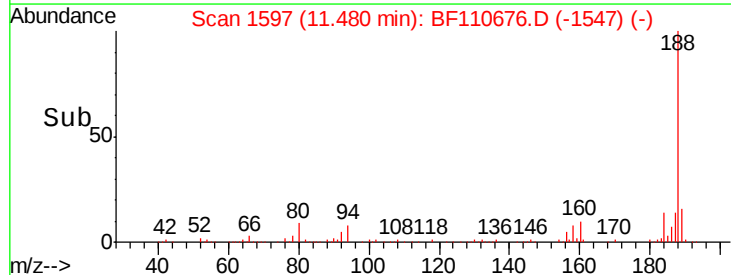
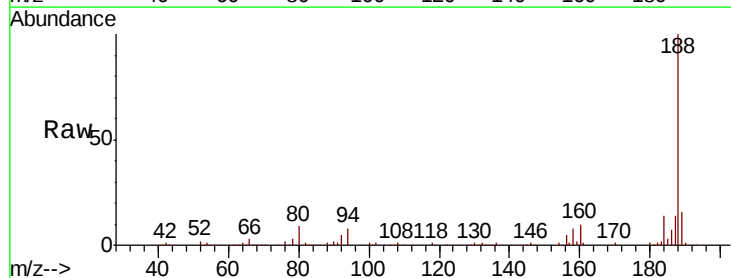
Instrument :
 BNA_F
 ClientSampleId :

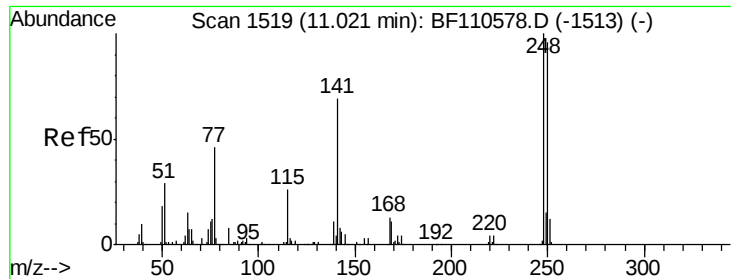
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110676.D
 Acq: 12 Nov 2018 16:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	8.9	7.9	11.9

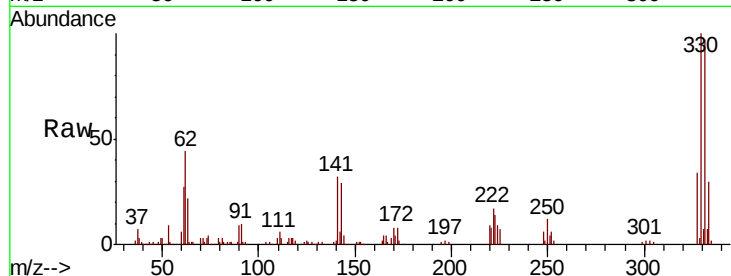




#67
 4-Bromophenyl-phenylether
 Concen: 2.548 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110676.D
 Acq: 12 Nov 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	193.6	79.4	119.2#
141	492.9	55.9	83.9#

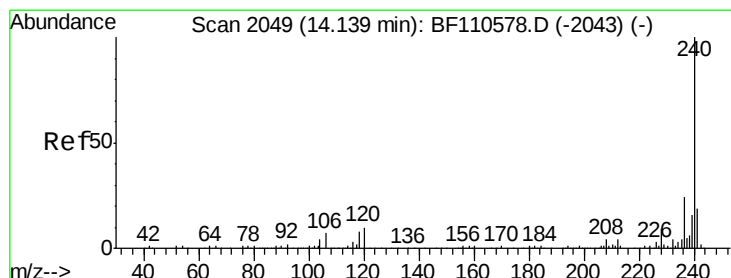
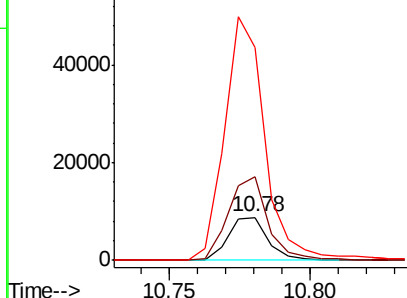
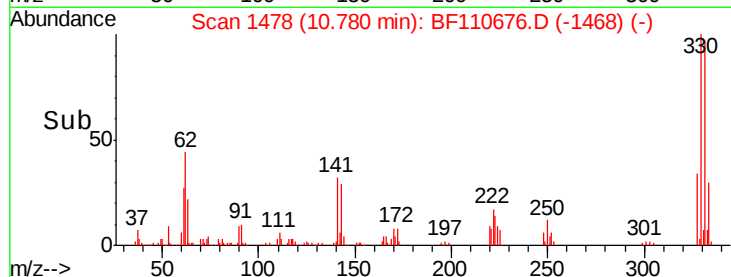


Abundance

Ion 248.00 (247.70 to 248.70): E

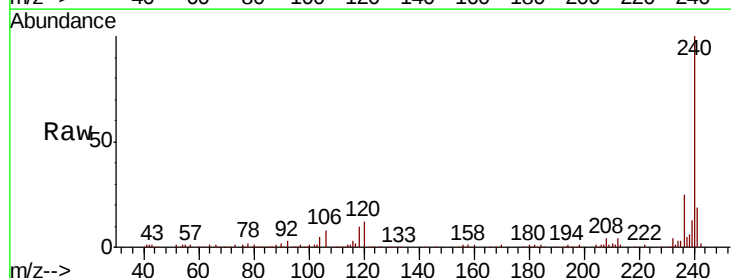
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110676.D
 Acq: 12 Nov 2018 16:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	24.9	21.2	31.8

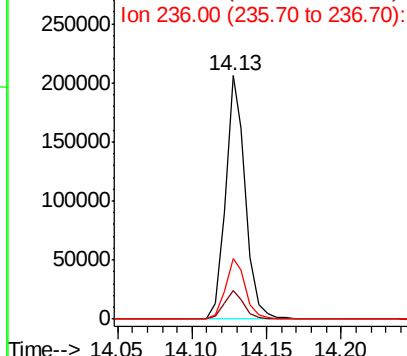
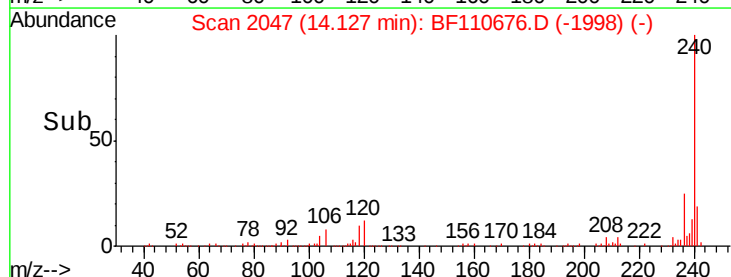


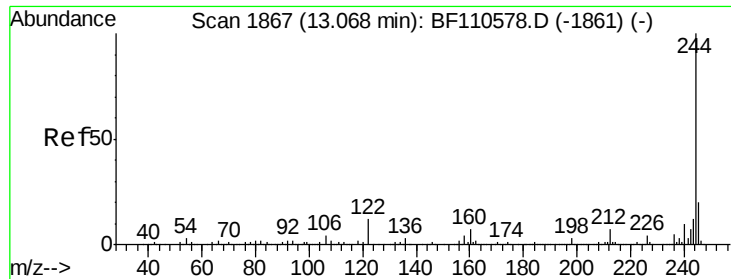
Abundance

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: 73.203 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110676.D

Acq: 12 Nov 2018 16:01

Instrument :

BNA_F

ClientSampled :

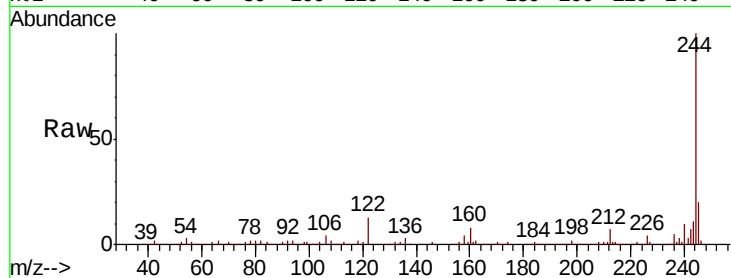
Tot Ion:244 Resp: 751712

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

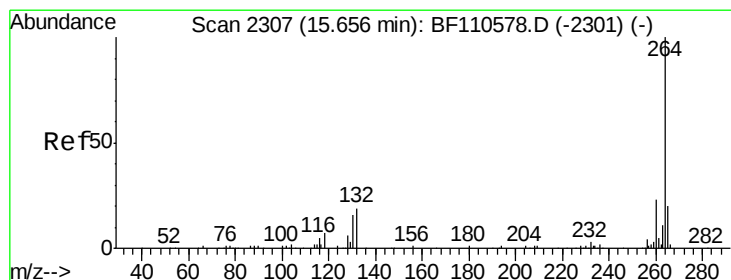
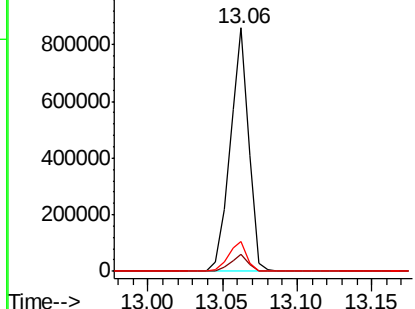
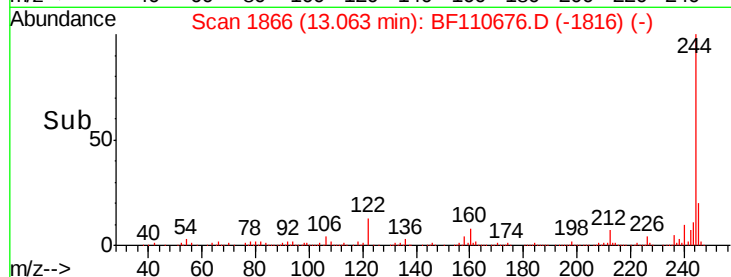
122 12.5 8.7 13.1



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

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110676.D

Acq: 12 Nov 2018 16:01

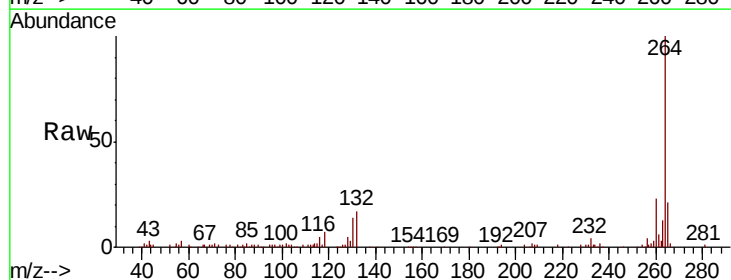
Tgt Ion:264 Resp: 148131

Ion Ratio Lower Upper

264 100

260 23.3 18.7 28.1

265 21.2 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

