

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110118\
 Data File : BF110384.D
 Acq On : 1 Nov 2018 22:49
 Operator : JU/SJ
 Sample : J5741-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 04:13:41 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	68259	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	239070	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	88788	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	155179	20.00	ng	0.00
76) Chrysene-d12	14.13	240	168213	20.00	ng	0.00
87) Perylene-d12	15.66	264	137703	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	554945	132.39	ng	0.01
7) Phenol-d6	6.58	99	667522	124.50	ng	0.00
23) Nitrobenzene-d5	7.52	82	410617	101.87	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	109940	125.00	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	612043	108.24	ng	0.00
79) Terphenyl-d14	13.07	244	561072	69.37	ng	0.00

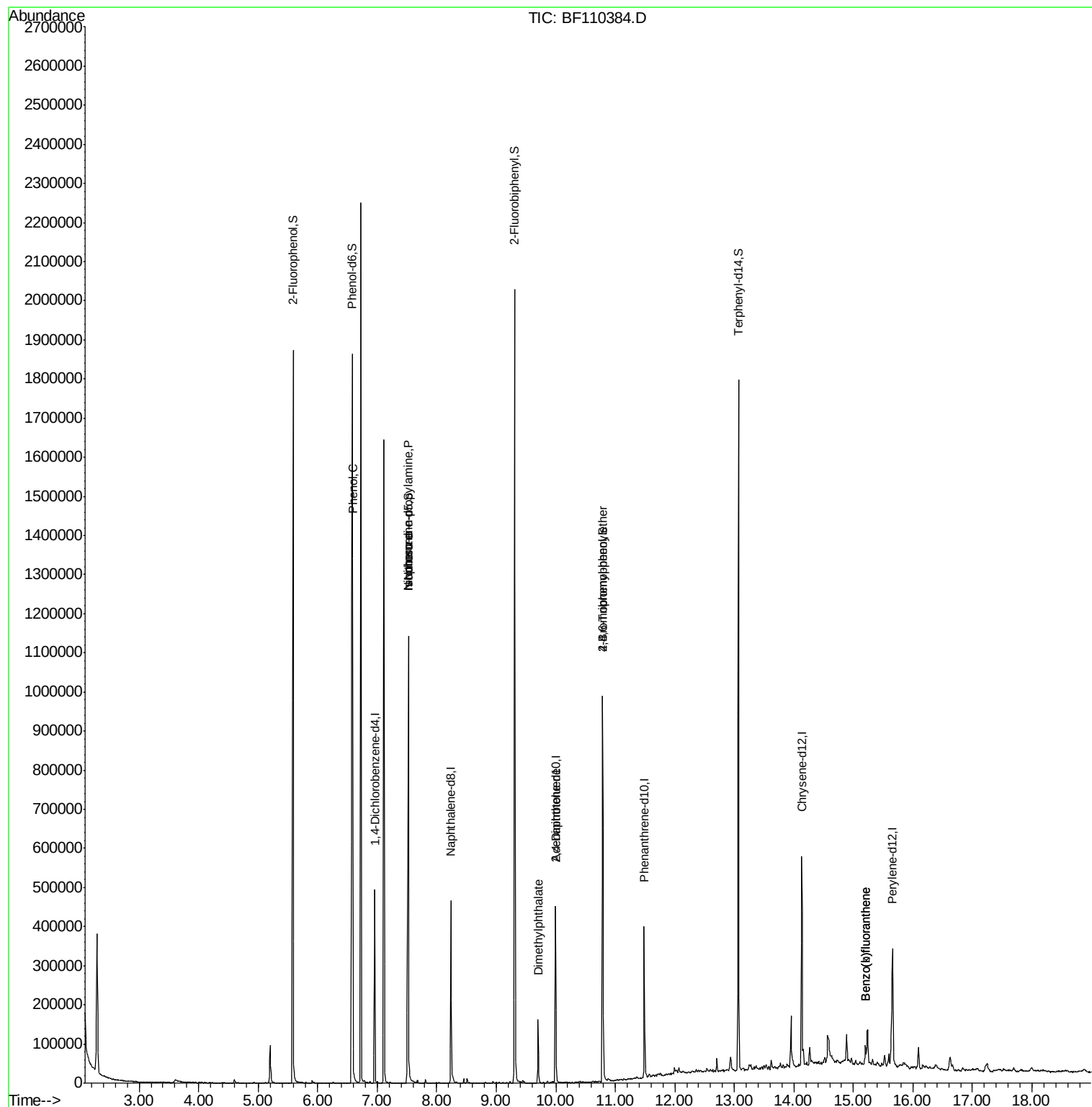
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.58	77	1284	Below Cal		# 1
10) Phenol	6.59	94	42095	7.345	ng	# 65
19) n-Nitroso-di-n-propylamine	7.52	70	53780	15.636	ng	# 80
25) Isophorone	7.52	82	410614	59.763	ng	# 67
50) Dimethylphthalate	9.70	163	72762	11.102	ng	100
57) 2,4-Dinitrotoluene	10.00	165	10951	6.107	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	6879	4.087	ng	# 1
88) Benzo(b)fluoranthene	15.20	252	32225	4.053	ng	# 92
89) Benzo(k)fluoranthene	15.20	252	32225	4.122	ng	# 91

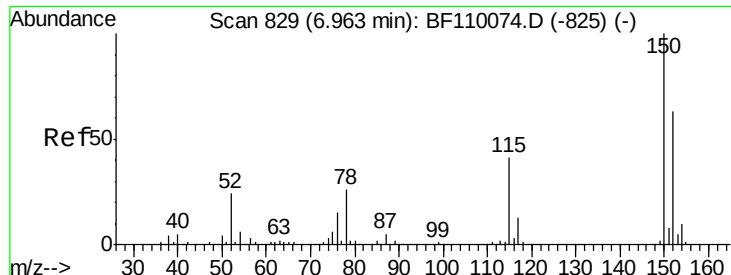
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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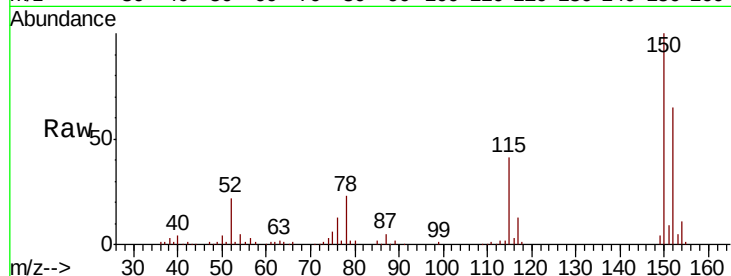




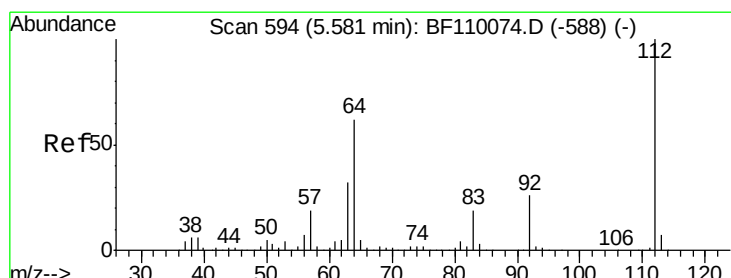
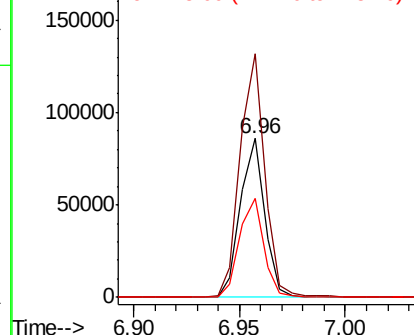
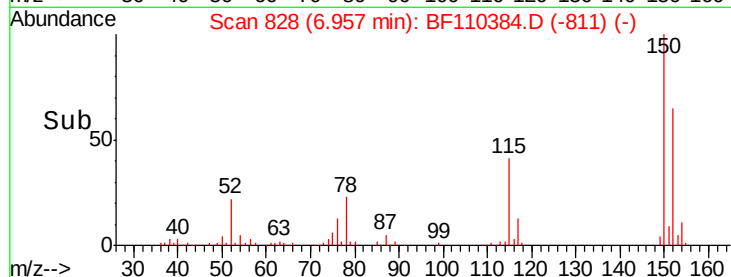
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110384.D
 Acq: 1 Nov 2018 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 68259
 Ion Ratio Lower Upper
 152 100
 150 153.6 122.7 184.1
 115 62.2 49.1 73.7

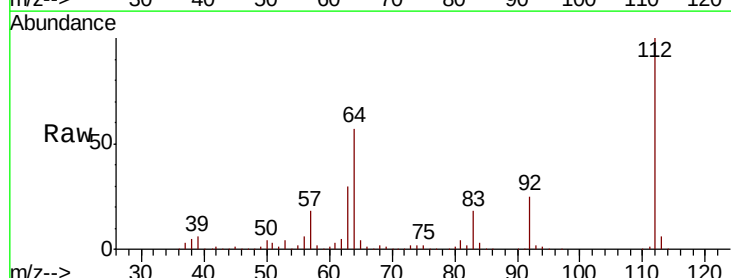


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

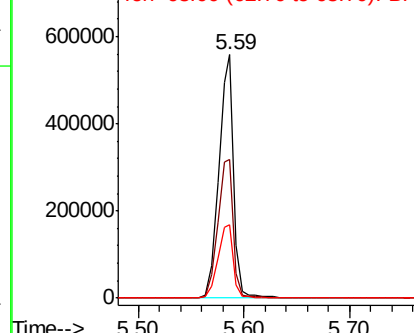
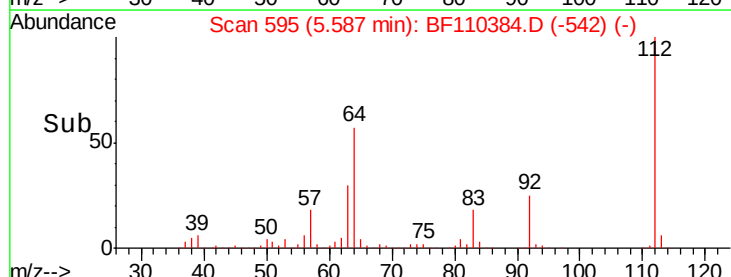


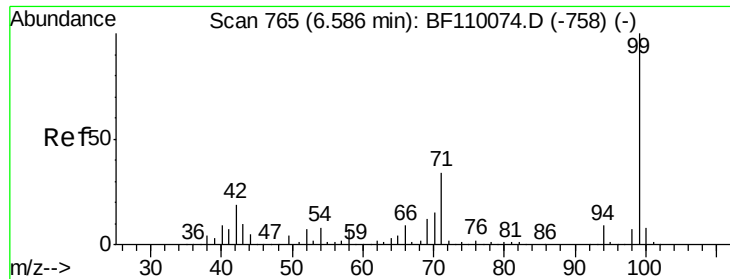
#5
 2-Fluorophenol
 Concen: 132.393 ng
 RT: 5.59 min Scan# 595
 Delta R.T. 0.01 min
 Lab File: BF110384.D
 Acq: 1 Nov 2018 22:49

Tgt Ion:112 Resp: 554945
 Ion Ratio Lower Upper
 112 100
 64 56.9 44.1 66.1
 63 30.1 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: 124.504 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110384.D

Acq: 1 Nov 2018 22:49

Instrument :

BNA_F

ClientSampleId :

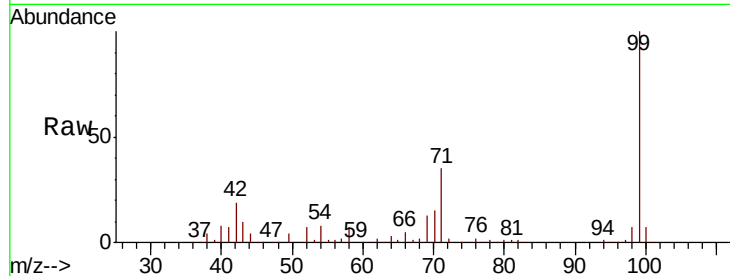
Tot Ion: 99 Resp: 667522

Ion Ratio Lower Upper

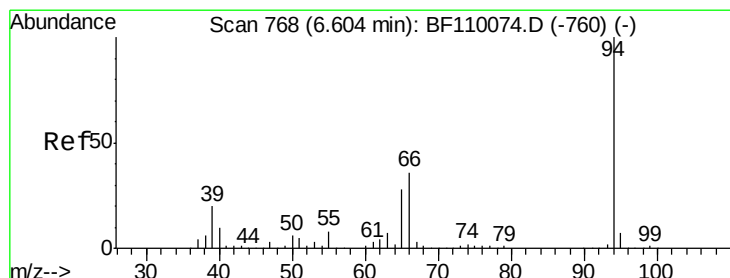
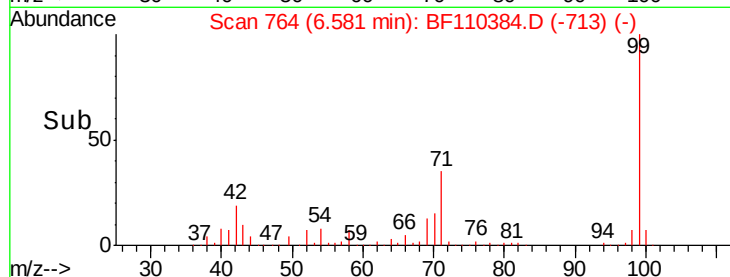
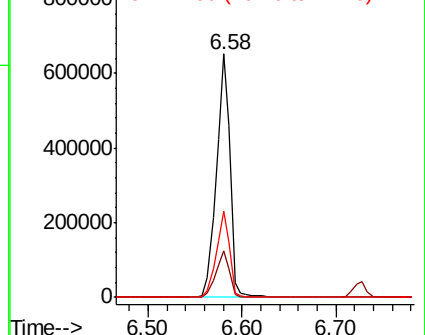
99 100

42 19.1 15.8 23.6

71 35.2 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: 7.345 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110384.D

Acq: 1 Nov 2018 22:49

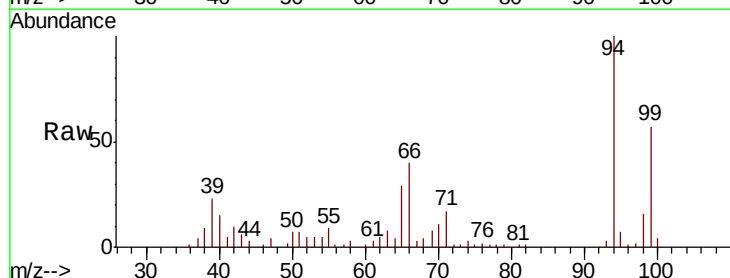
Tgt Ion: 94 Resp: 42095

Ion Ratio Lower Upper

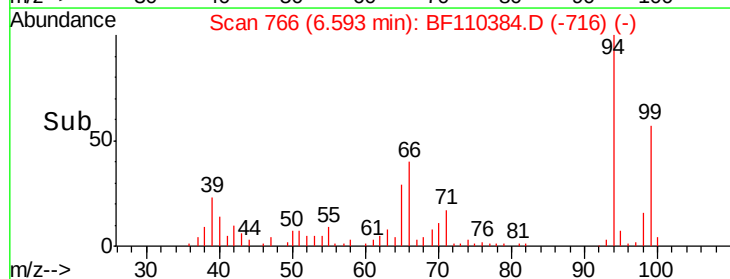
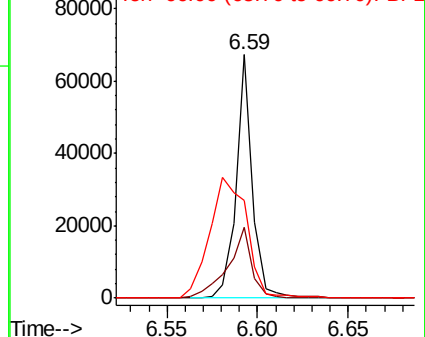
94 100

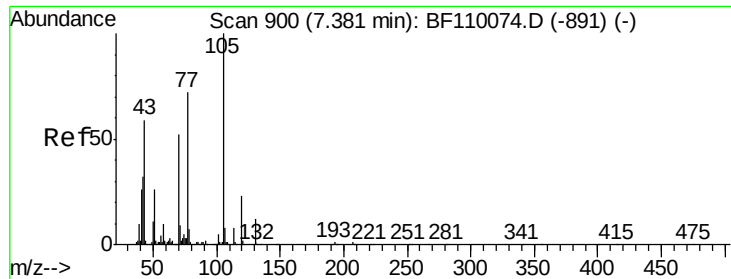
65 28.9 25.3 65.3

66 40.0 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

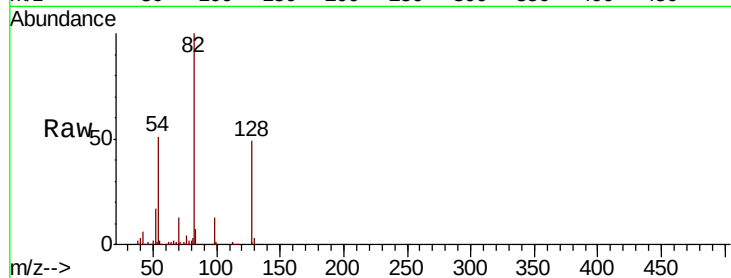




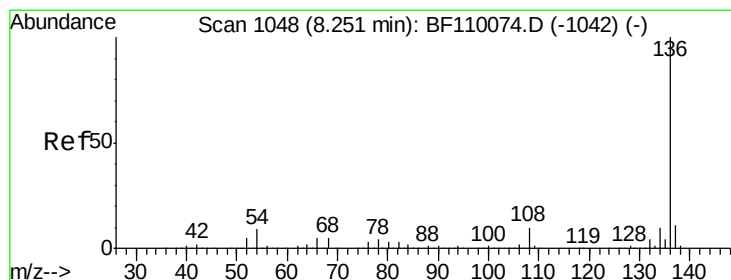
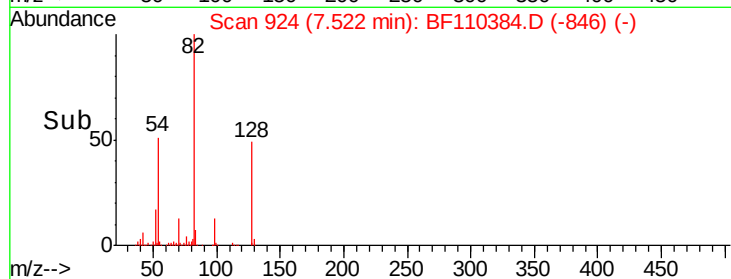
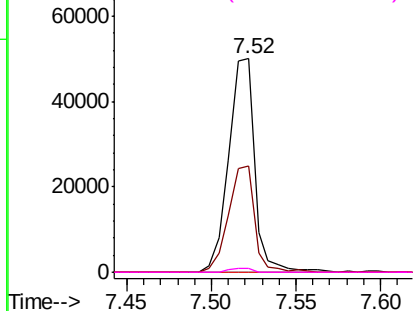
#19
n-Nitroso-di-n-propylamine
Concen: 15.636 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110384.D
Acq: 1 Nov 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 53780
Ion Ratio Lower Upper
70 100
42 49.5 47.4 71.2
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#

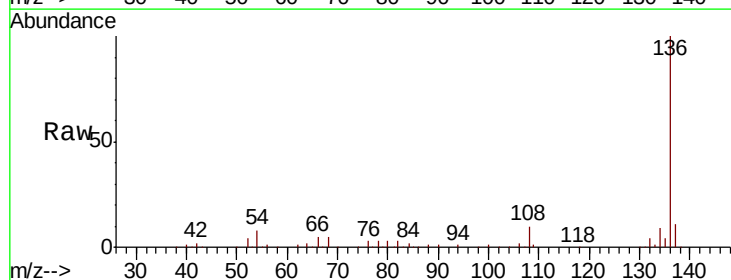


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

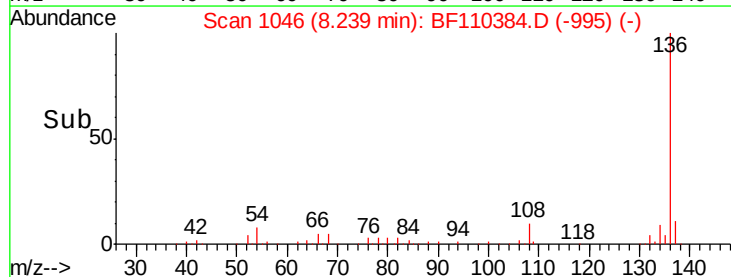
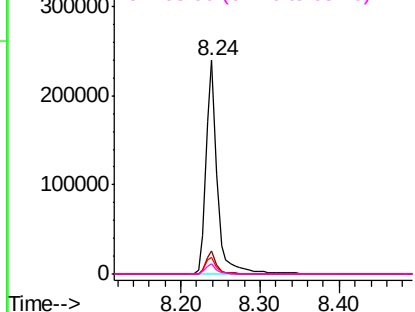


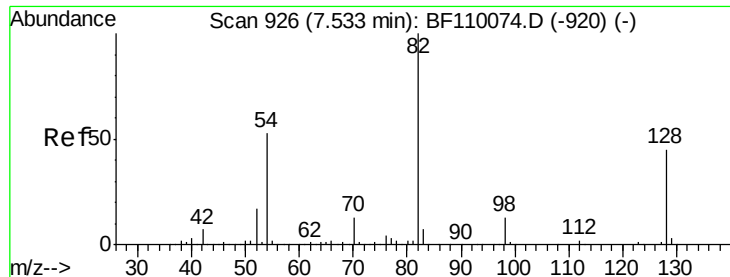
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110384.D
Acq: 1 Nov 2018 22:49

Tgt Ion: 136 Resp: 239070
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.7 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

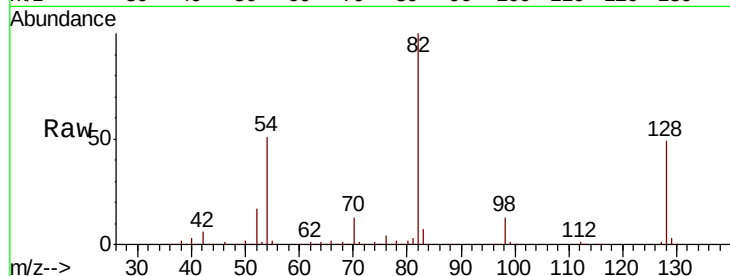




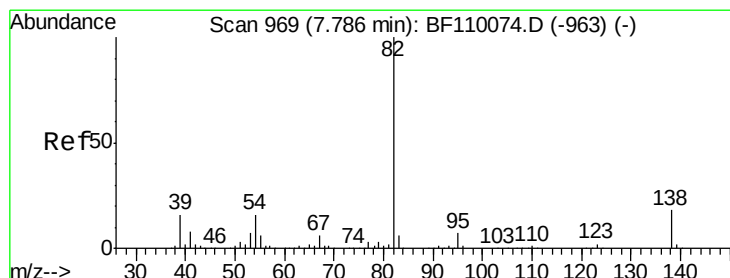
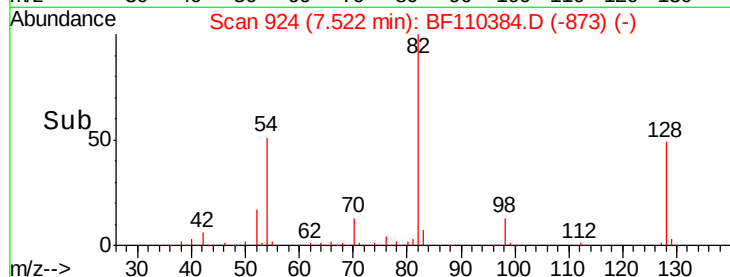
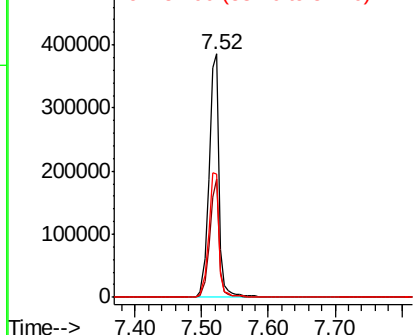
#23
 Nitrobenzene-d5
 Concen: 101.874 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110384.D
 Acq: 1 Nov 2018 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 410617
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.2 51.2
 54 50.8 38.6 58.0

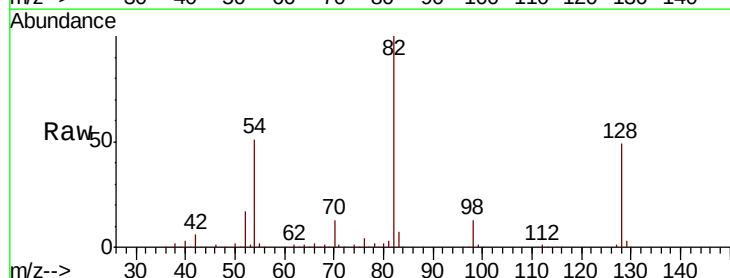


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

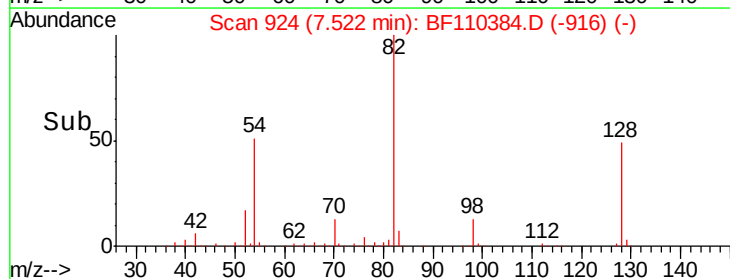
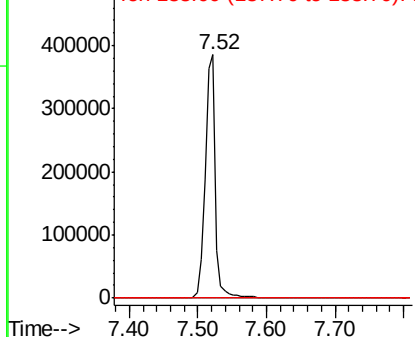


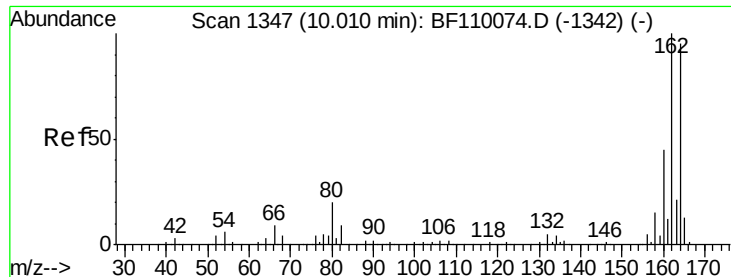
#25
 Isophorone
 Concen: 59.763 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.25 min
 Lab File: BF110384.D
 Acq: 1 Nov 2018 22:49

Tgt Ion: 82 Resp: 410614
 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

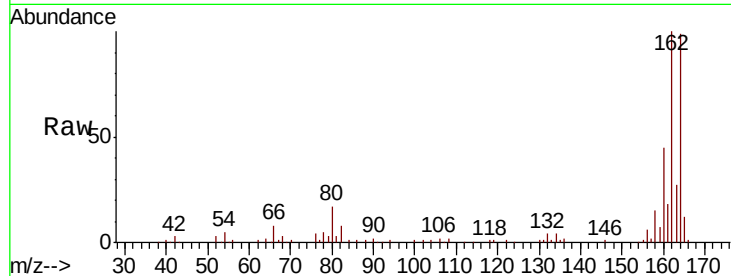




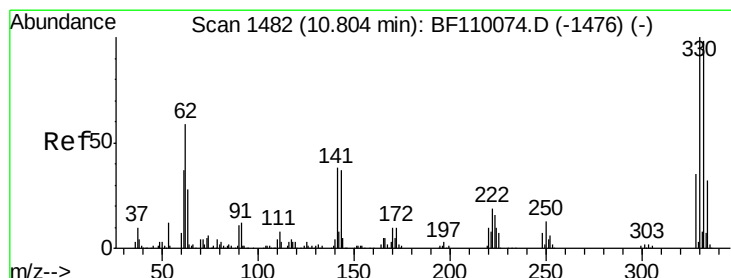
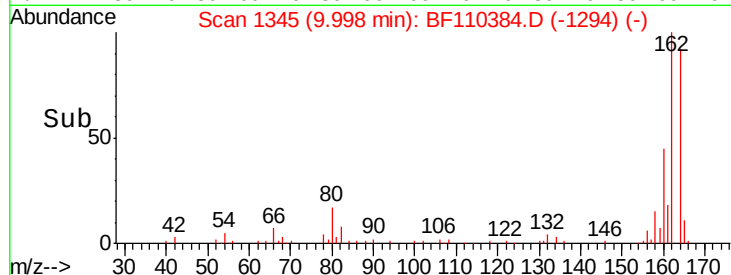
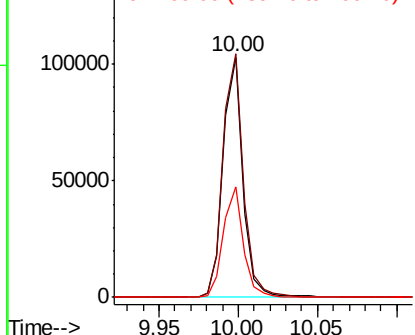
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110384.D
Acq: 1 Nov 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 88788
Ion Ratio Lower Upper
164 100
162 101.4 83.0 124.6
160 45.9 37.0 55.6

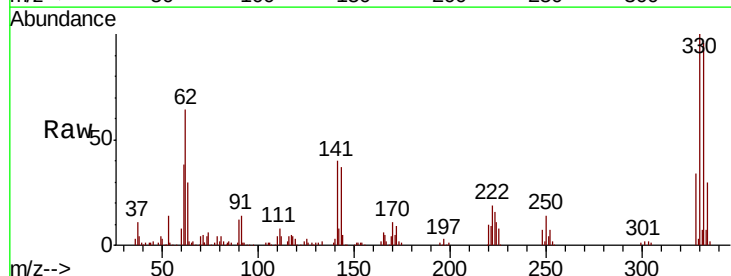


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

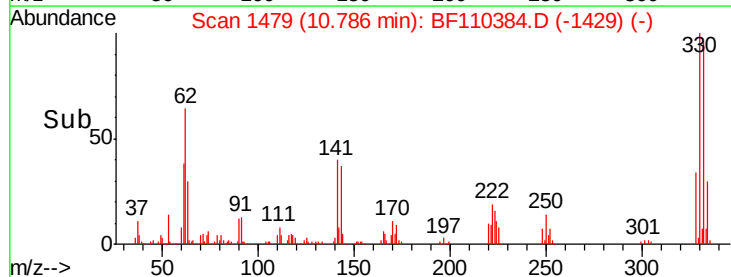
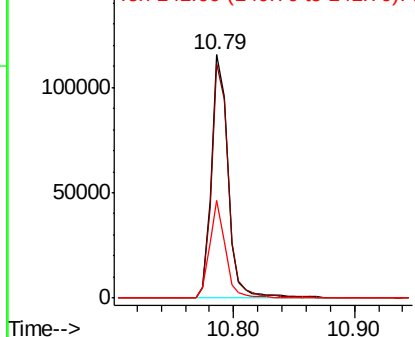


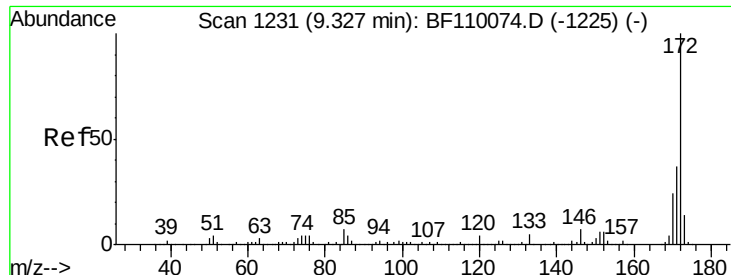
#42
2,4,6-Tribromophenol
Concen: 125.002 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110384.D
Acq: 1 Nov 2018 22:49

Tgt Ion:330 Resp: 109940
Ion Ratio Lower Upper
330 100
332 97.5 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

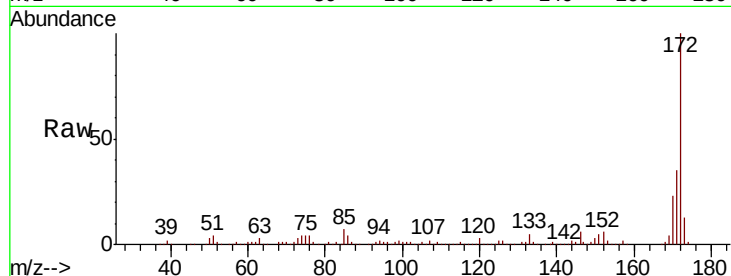




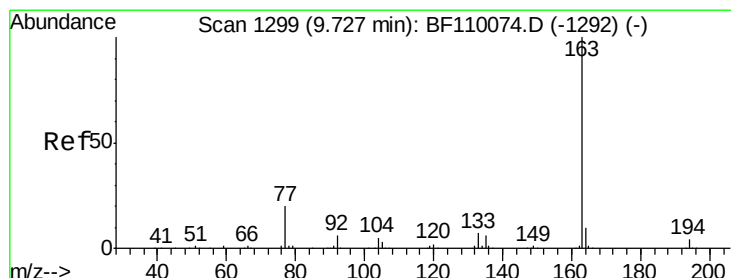
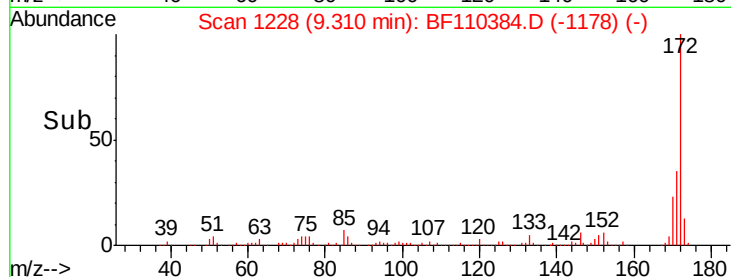
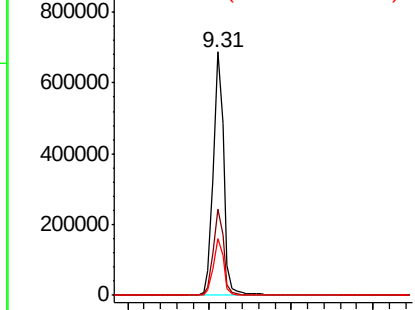
#45
2-Fluorobiphenyl
Concen: 108.243 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF110384.D
Acq: 1 Nov 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 612043
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.3 19.7 29.5

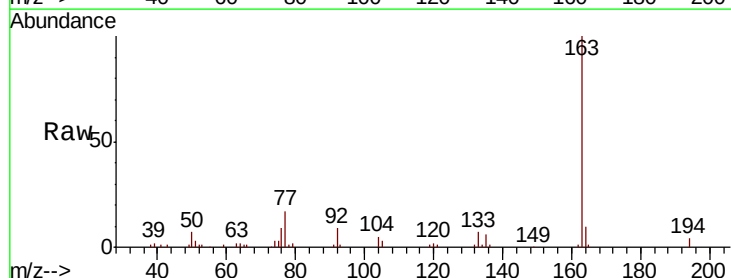


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

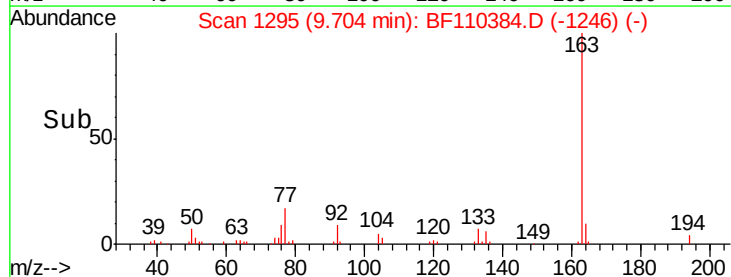
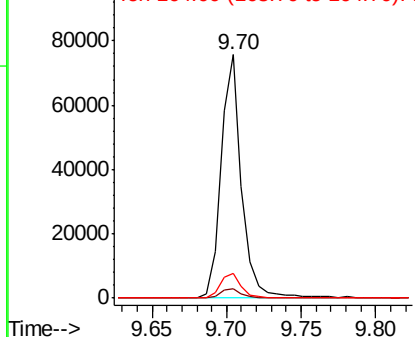


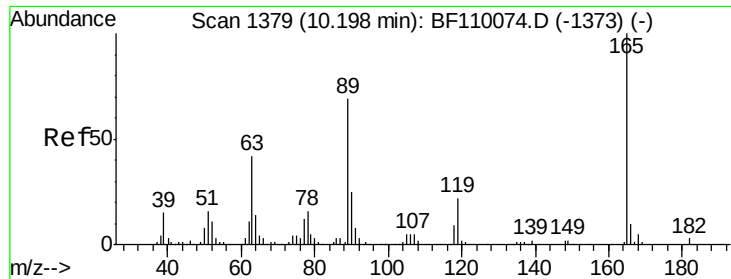
#50
Dimethylphthalate
Concen: 11.102 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110384.D
Acq: 1 Nov 2018 22:49

Tgt Ion:163 Resp: 72762
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 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

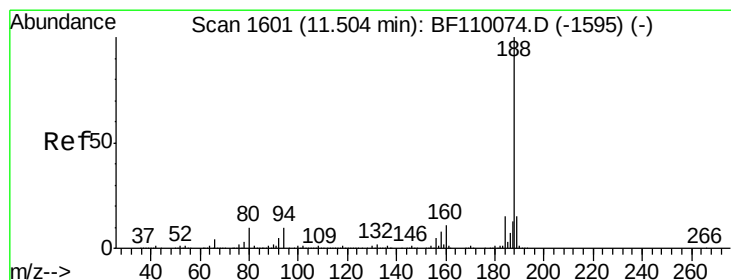
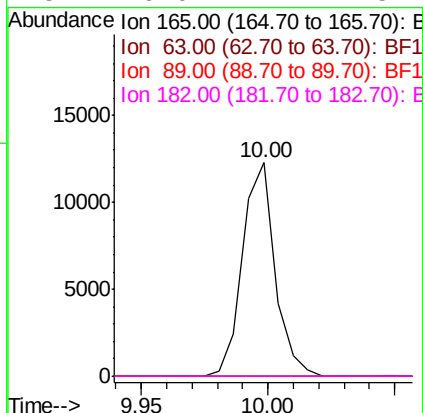
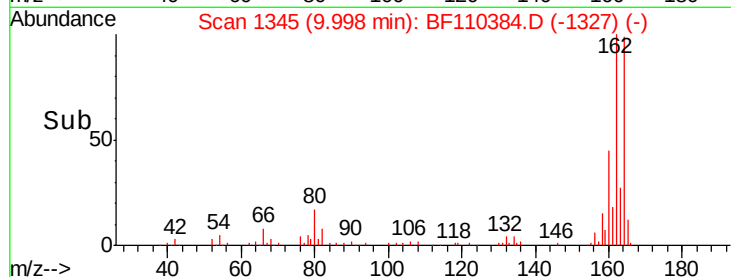
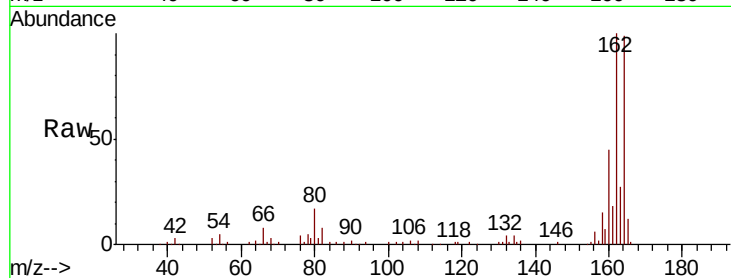




#57
2,4-Dinitrotoluene
Concen: 6.107 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.19 min
Lab File: BF110384.D
Acq: 1 Nov 2018 22:49

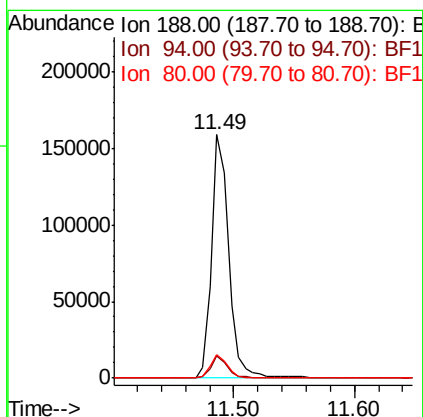
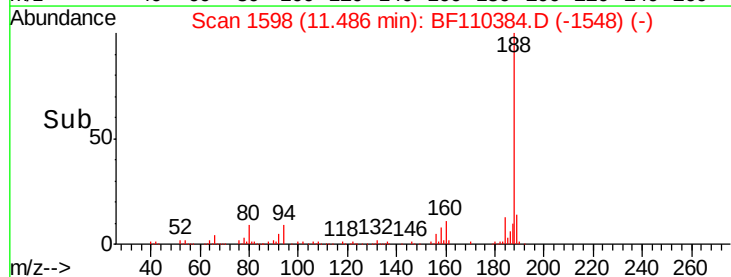
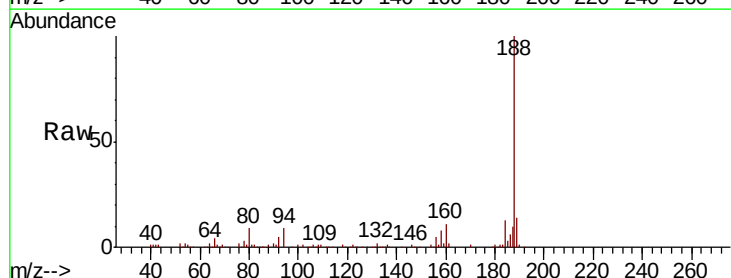
Instrument :
BNA_F
ClientSampleId :

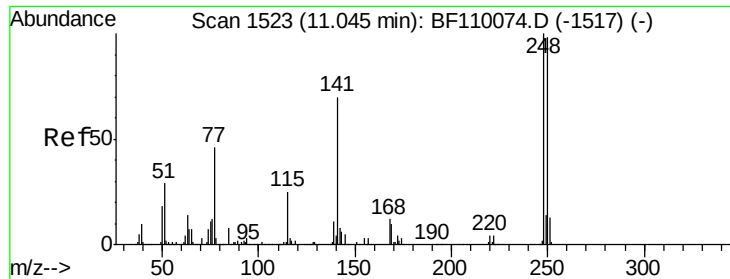
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF110384.D
Acq: 1 Nov 2018 22:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	9.5	7.9	11.9

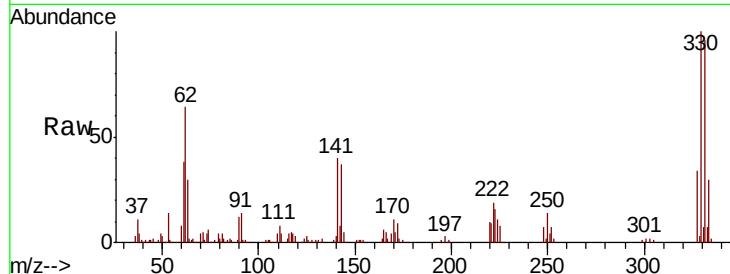




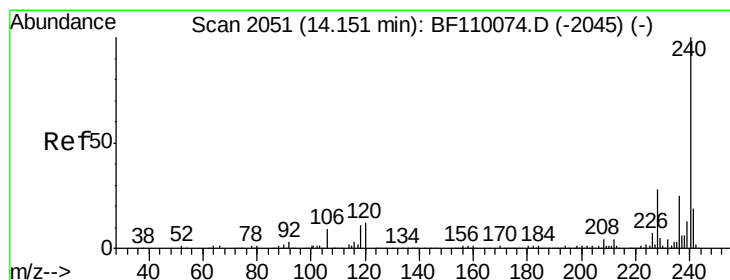
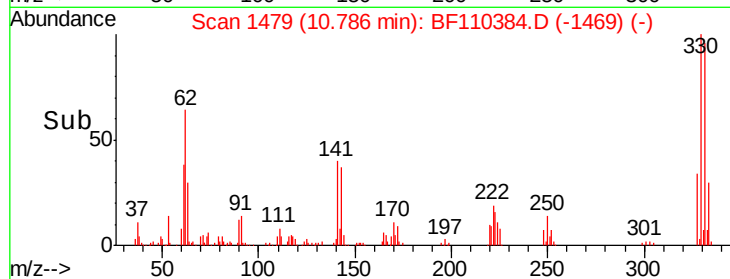
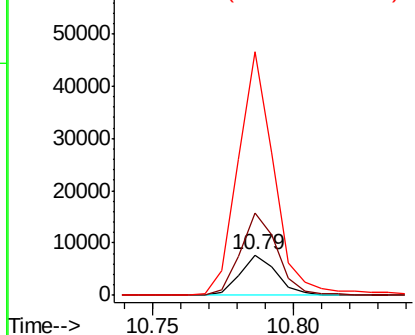
#67
 4-Bromophenyl-phenylether
 Concen: 4.087 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.24 min
 Lab File: BF110384.D
 Acq: 1 Nov 2018 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 6879
 Ion Ratio Lower Upper
 248 100
 250 202.3 79.4 119.2#
 141 602.5 55.9 83.9#

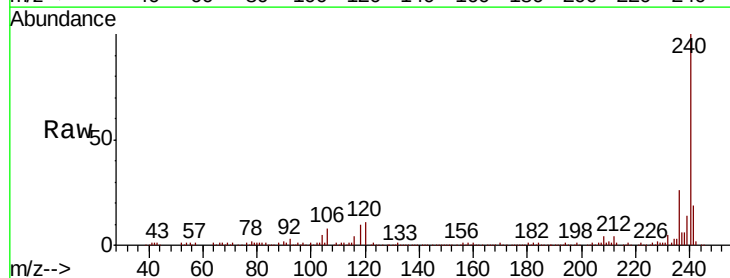


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

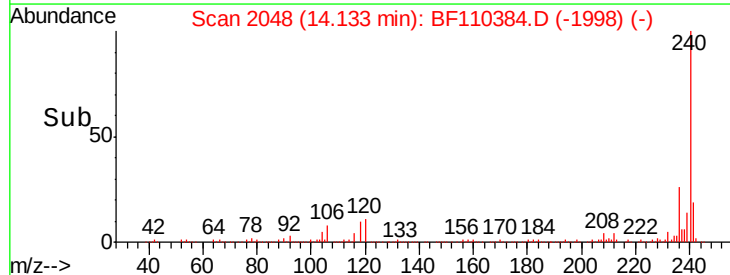
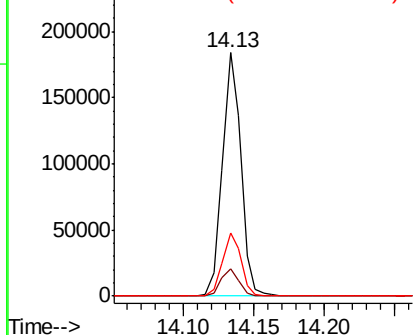


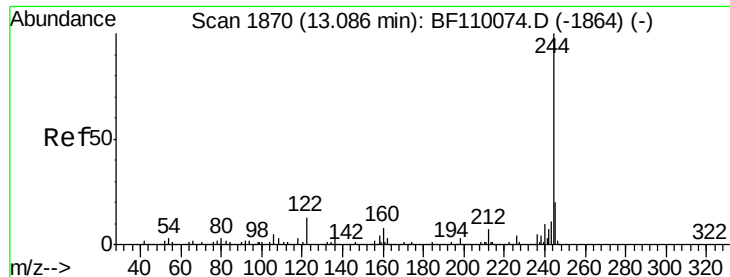
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110384.D
 Acq: 1 Nov 2018 22:49

Tgt Ion:240 Resp: 168213
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.3 12.5
 236 26.2 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: 69.368 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110384.D

Acq: 1 Nov 2018 22:49

Instrument :

BNA_F

ClientSampleId :

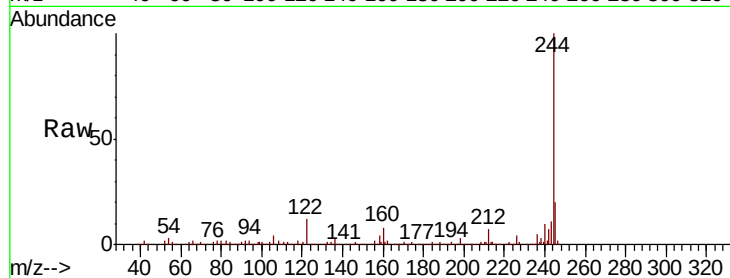
Tot Ion:244 Resp: 561072

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

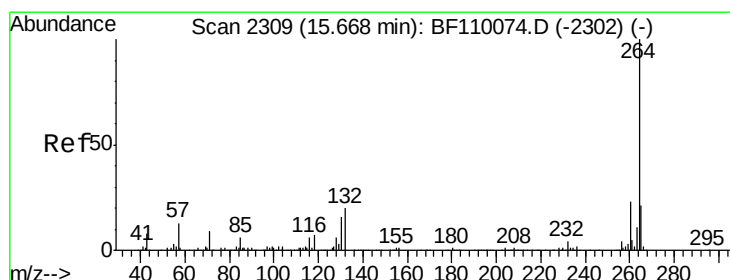
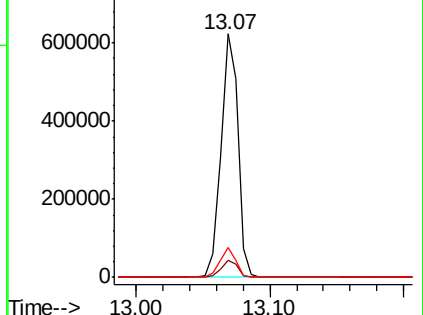
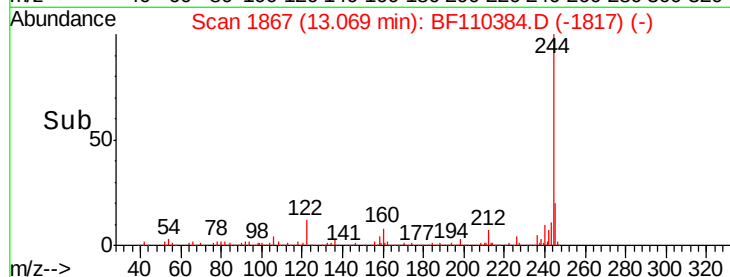
122 12.4 8.7 13.1



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: BF110384.D

Acq: 1 Nov 2018 22:49

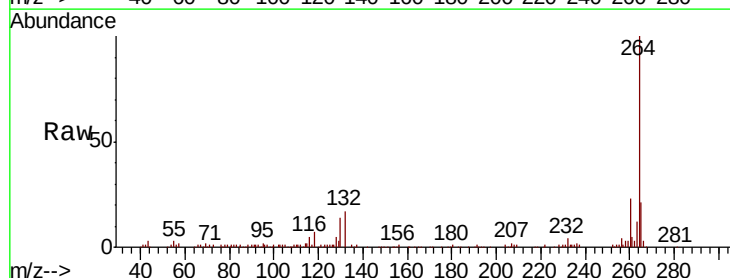
Tgt Ion:264 Resp: 137703

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

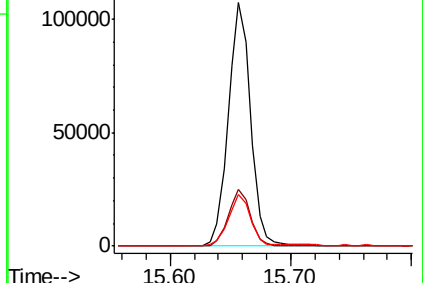
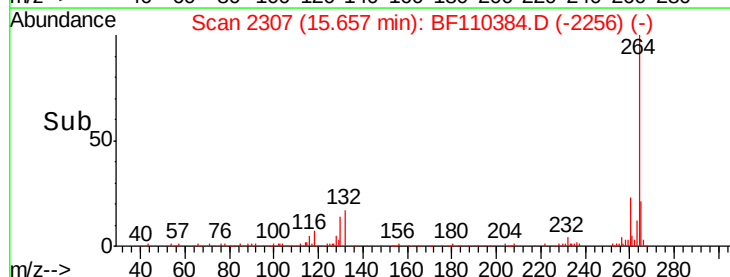
265 21.4 16.7 25.1

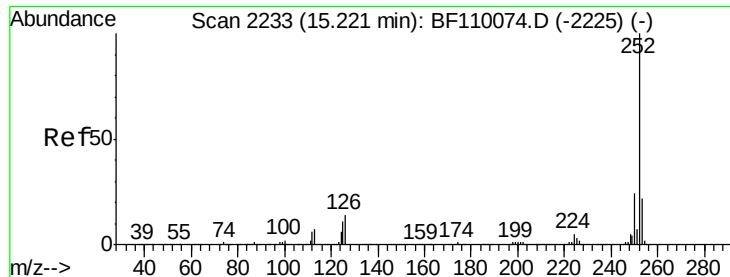


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

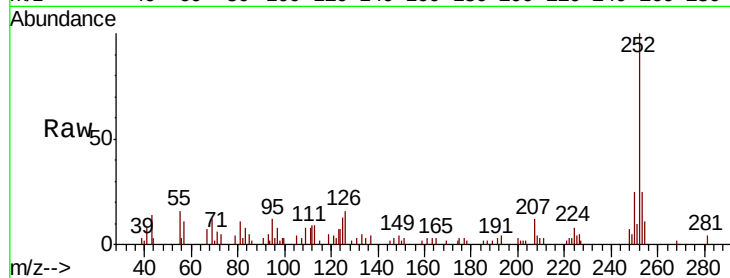




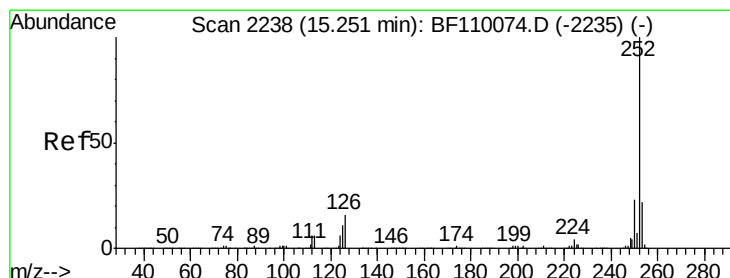
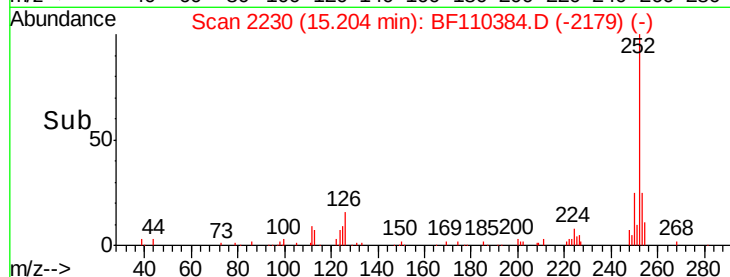
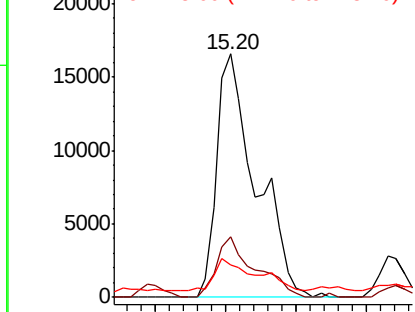
#88
Benzo(b)fluoranthene
Concen: 4.053 ng
RT: 15.20 min Scan# 2230
Delta R.T. 0.00 min
Lab File: BF110384.D
Acq: 1 Nov 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 32225
Ion Ratio Lower Upper
252 100
253 25.0 17.2 25.8
125 13.4 8.2 12.4#

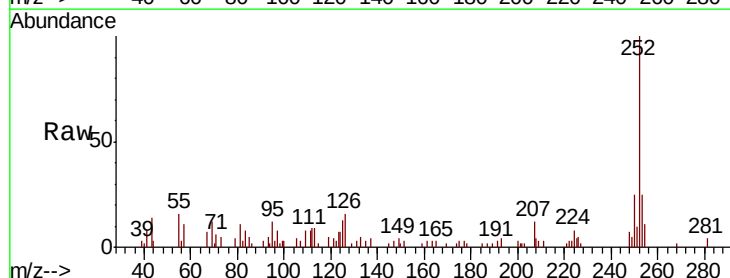


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(k)fluoranthene
Concen: 4.122 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.04 min
Lab File: BF110384.D
Acq: 1 Nov 2018 22:49

Tgt Ion:252 Resp: 32225
Ion Ratio Lower Upper
252 100
253 25.0 17.2 25.8
125 13.4 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

