

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110409.D
 Acq On : 2 Nov 2018 13:56
 Operator : JU/SJ
 Sample : J5794-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 02 22:55:55 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

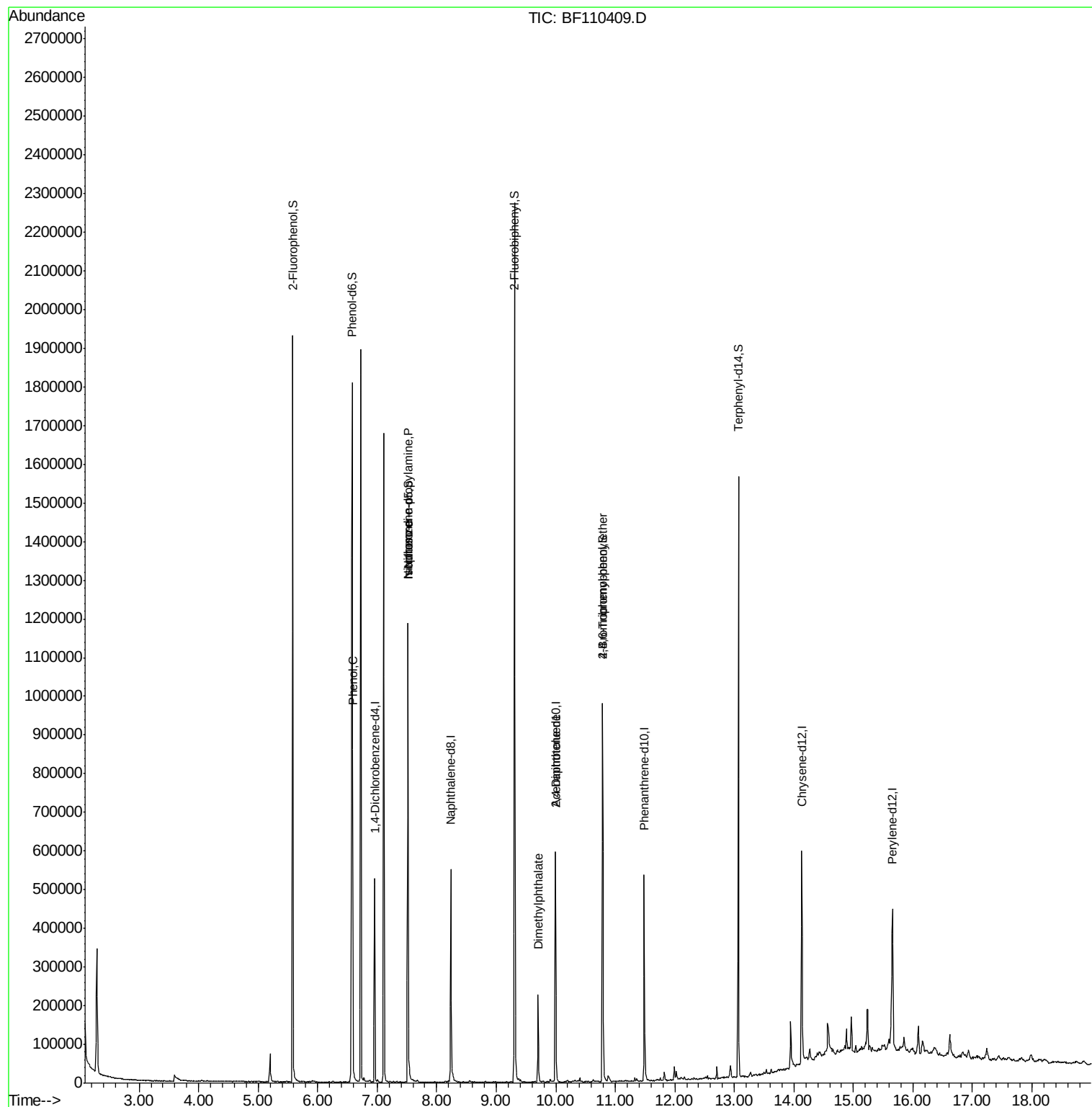
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	80755	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	314816	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	134203	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	204752	20.00	ng	0.00
76) Chrysene-d12	14.13	240	173214	20.00	ng	0.00
87) Perylene-d12	15.66	264	166054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	508331	102.51	ng	0.00
7) Phenol-d6	6.58	99	631183	99.51	ng	0.00
23) Nitrobenzene-d5	7.52	82	400703	75.49	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	113061	85.05	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	676763	79.19	ng	0.00
79) Terphenyl-d14	13.07	244	486008	58.35	ng	0.00
Target Compounds						
10) Phenol	6.59	94	36764	5.422	ng	# 65
19) n-Nitroso-di-n-propylamine	7.52	70	51941	12.764	ng	# 80
25) Isophorone	7.52	82	400700	44.288	ng	# 67
50) Dimethylphthalate	9.70	163	107495	10.851	ng	99
57) 2,4-Dinitrotoluene	9.99	165	16640	6.139	ng	# 17
67) 4-Bromophenyl-phenylether	10.79	248	7473	3.365	ng	# 1

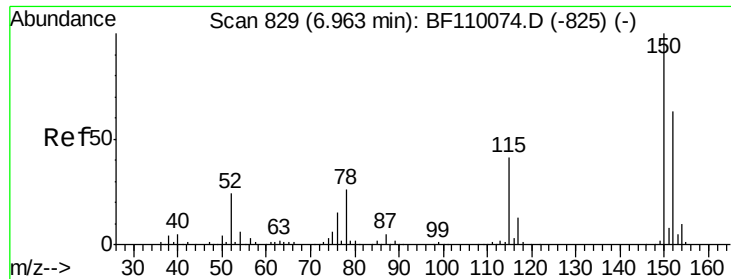
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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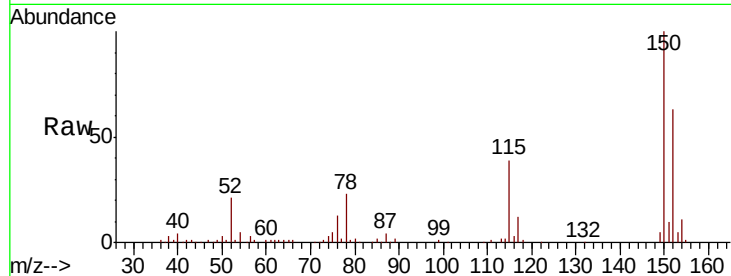




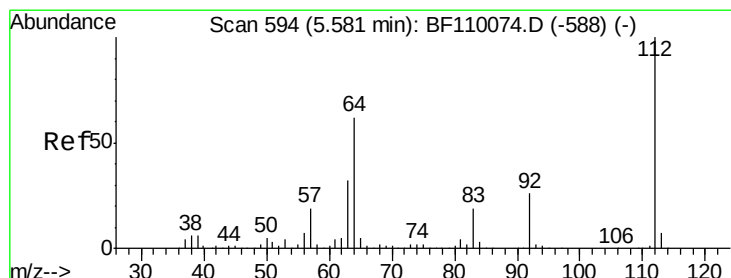
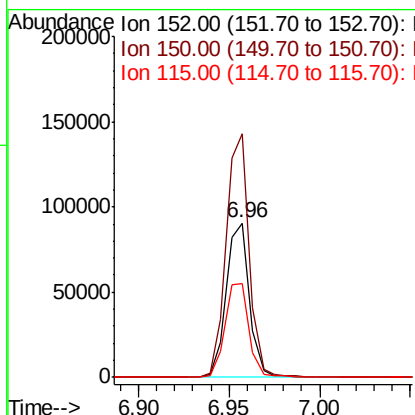
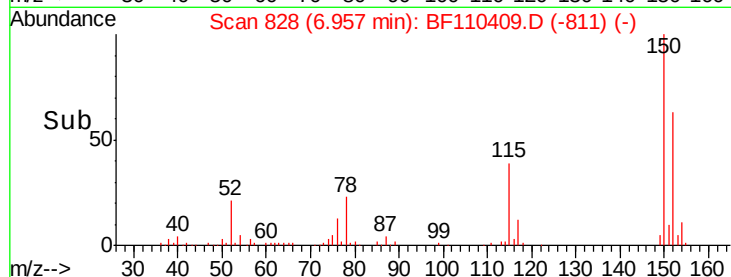
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF110409.D
 Acq: 2 Nov 2018 13:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 80755
 Ion Ratio Lower Upper
 152 100
 150 158.0 122.7 184.1
 115 61.1 49.1 73.7

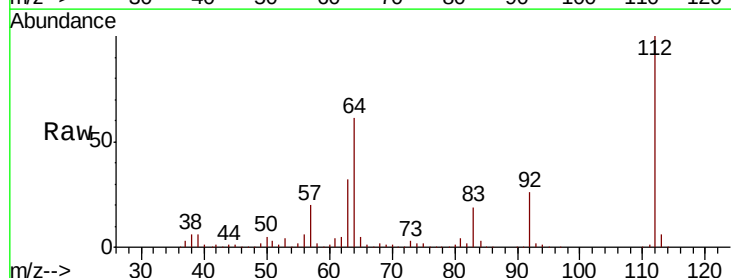


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

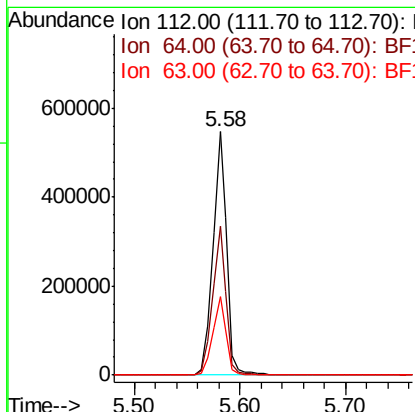
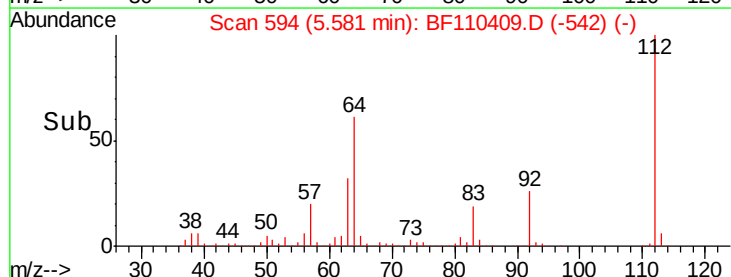


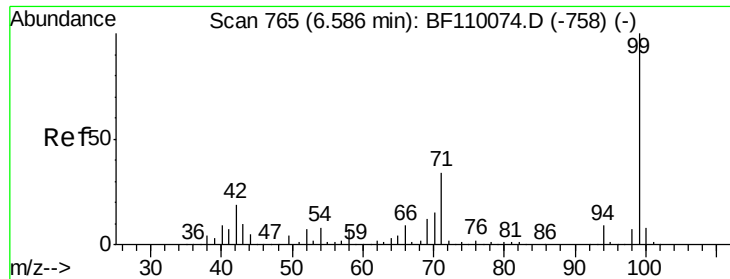
#5
 2-Fluorophenol
 Concen: 102.507 ng
 RT: 5.58 min Scan# 594
 Delta R.T. 0.01 min
 Lab File: BF110409.D
 Acq: 2 Nov 2018 13:56

Tgt Ion:112 Resp: 508331
 Ion Ratio Lower Upper
 112 100
 64 61.2 44.1 66.1
 63 32.0 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: 99.509 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF110409.D

Acq: 2 Nov 2018 13:56

Instrument :

BNA_F

ClientSampleId :

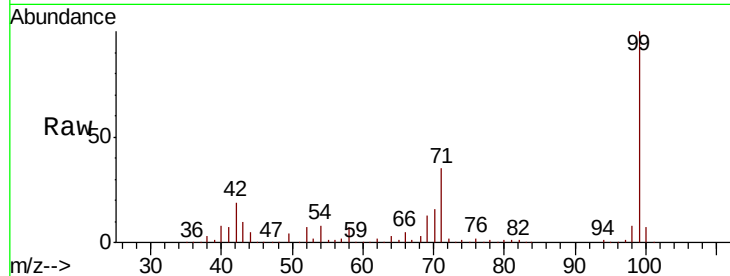
Tot Ion: 99 Resp: 631183

Ion Ratio Lower Upper

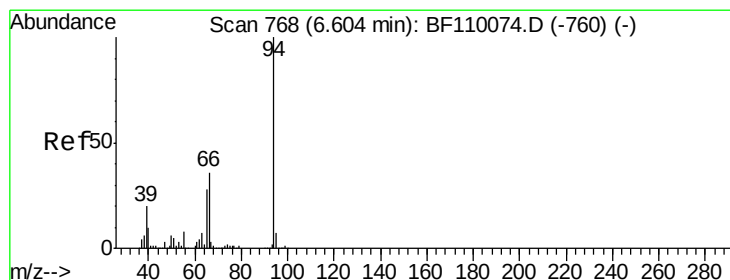
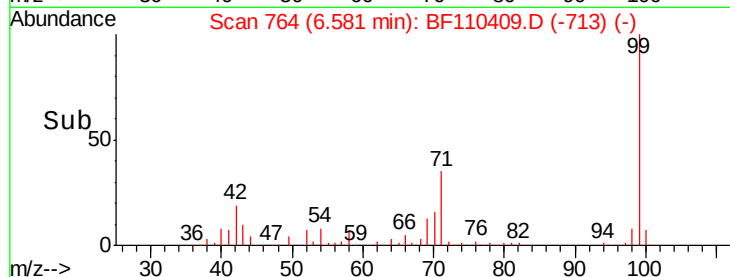
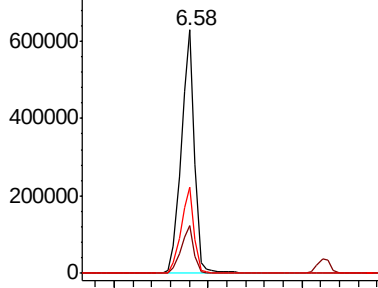
99 100

42 19.4 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



#10

Phenol

Concen: 5.422 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110409.D

Acq: 2 Nov 2018 13:56

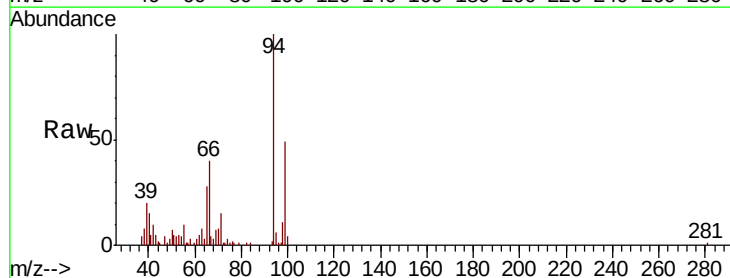
Tgt Ion: 94 Resp: 36764

Ion Ratio Lower Upper

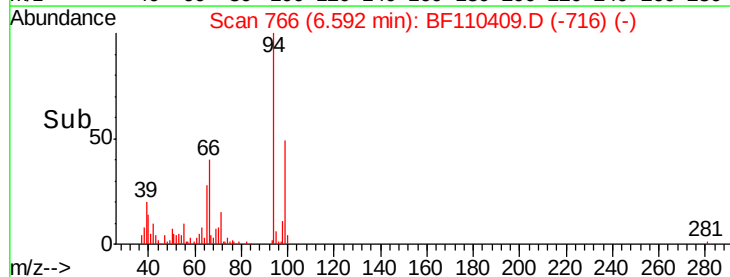
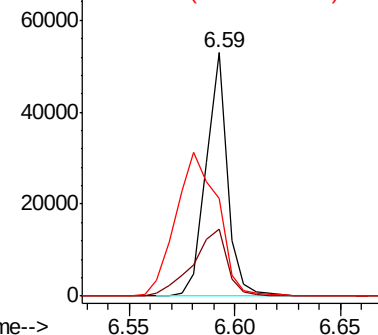
94 100

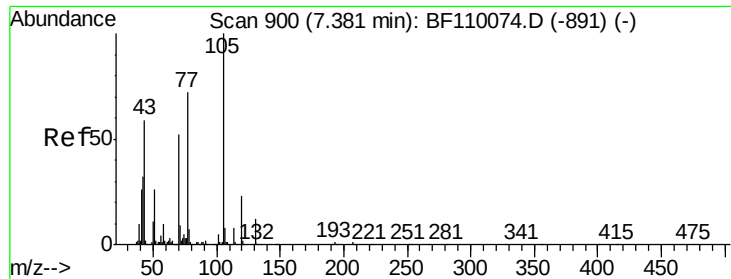
65 27.7 25.3 65.3

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

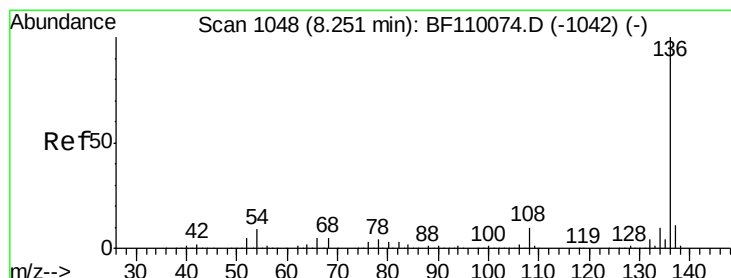
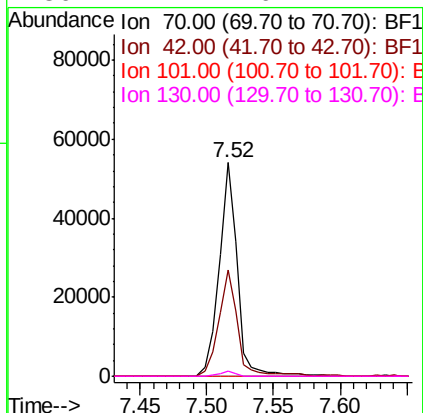
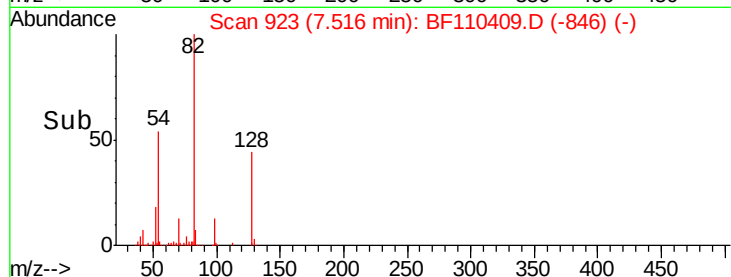
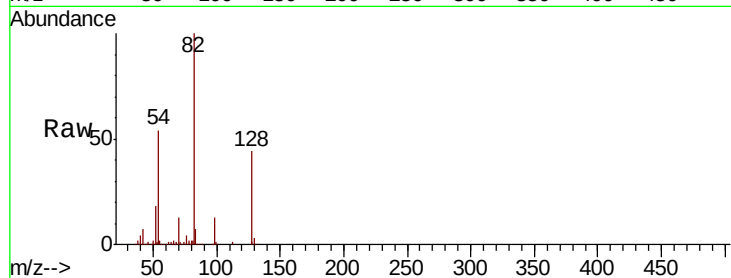




#19
n-Nitroso-di-n-propylamine
Concen: 12.764 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.15 min
Lab File: BF110409.D
Acq: 2 Nov 2018 13:56

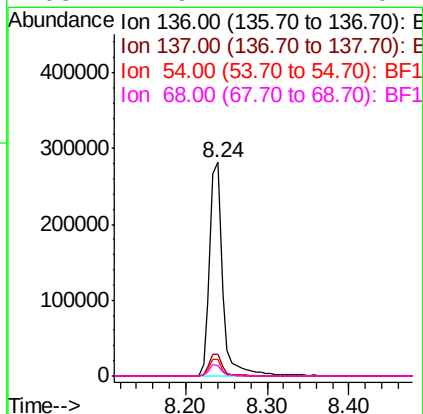
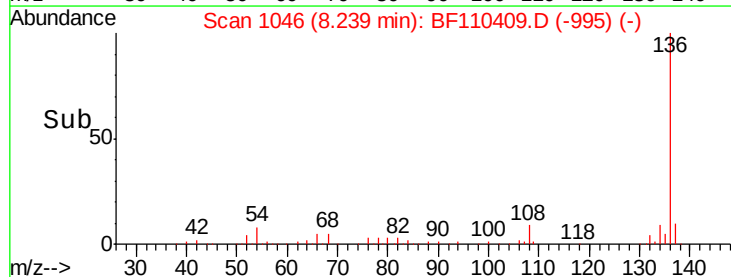
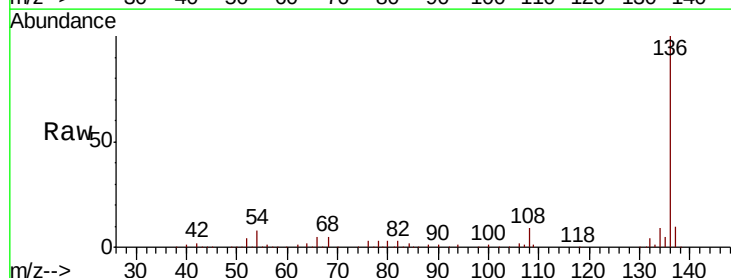
Instrument :
BNA_F
ClientSampleId :

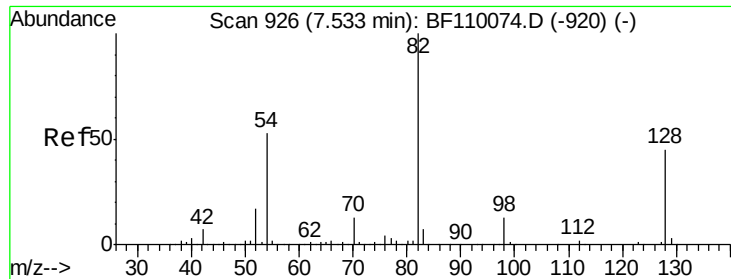
Tot Ion: 70 Resp: 51941
Ion Ratio Lower Upper
70 100
42 49.6 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110409.D
Acq: 2 Nov 2018 13:56

Tgt Ion: 136 Resp: 314816
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 7.7 5.4 8.2
68 4.9 4.2 6.2

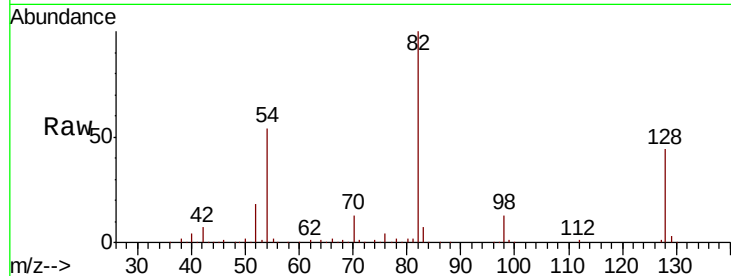




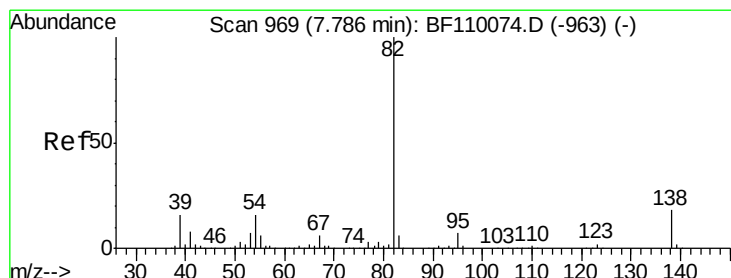
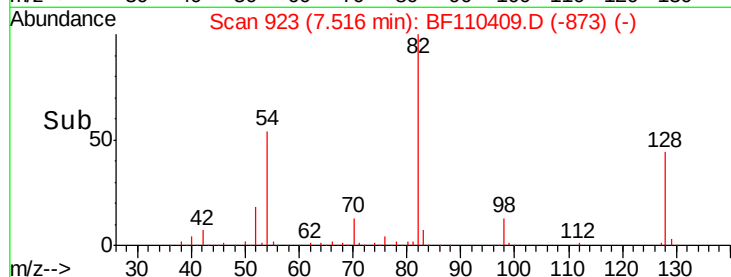
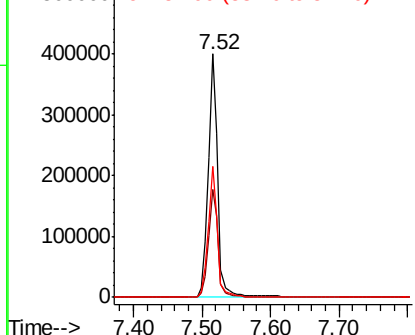
#23
 Nitrobenzene-d5
 Concen: 75.495 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BF110409.D
 Acq: 2 Nov 2018 13:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 400703
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.2 51.2
 54 53.9 38.6 58.0

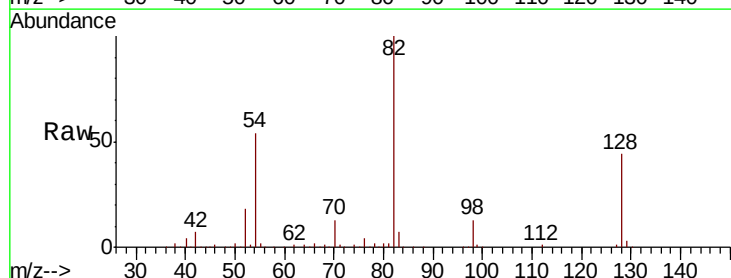


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

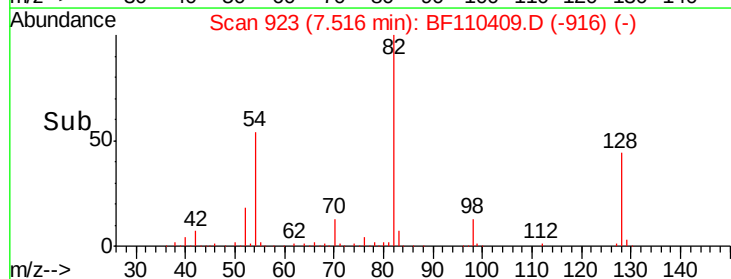
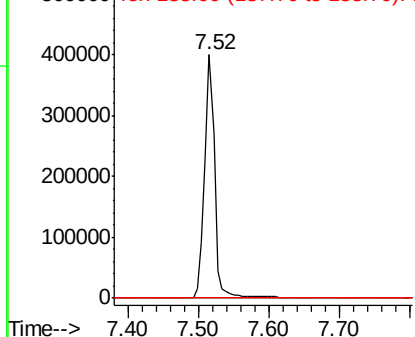


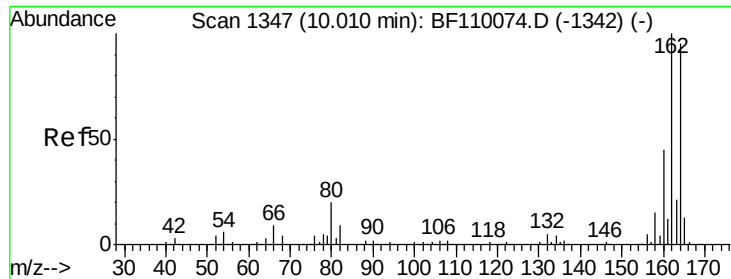
#25
 Isophorone
 Concen: 44.288 ng
 RT: 7.52 min Scan# 923
 Delta R.T. -0.26 min
 Lab File: BF110409.D
 Acq: 2 Nov 2018 13:56

Tgt Ion: 82 Resp: 400700
 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

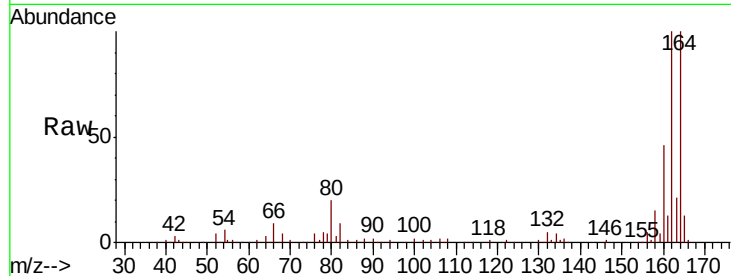




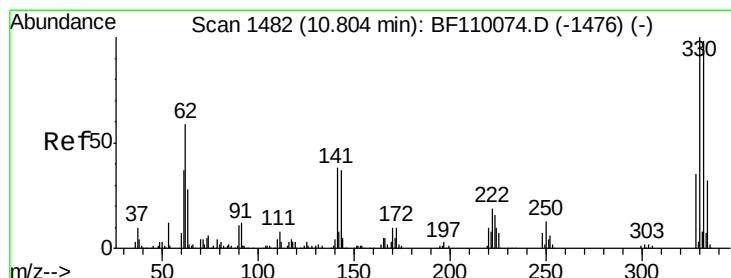
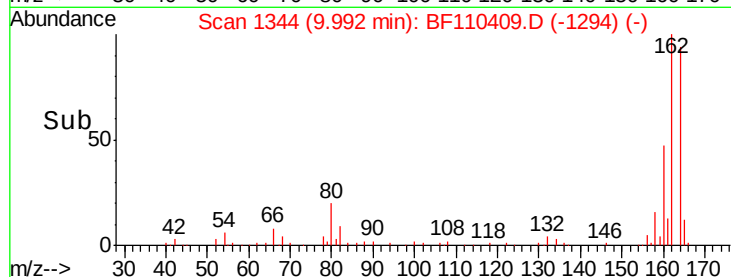
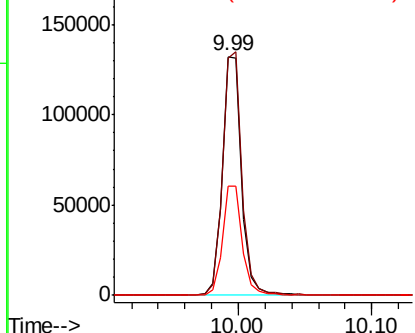
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110409.D
Acq: 2 Nov 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 134203
Ion Ratio Lower Upper
164 100
162 99.5 83.0 124.6
160 45.9 37.0 55.6

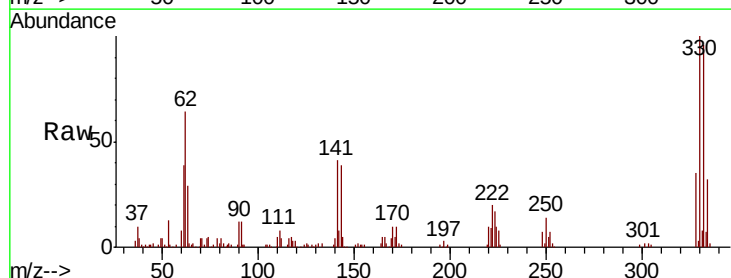


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

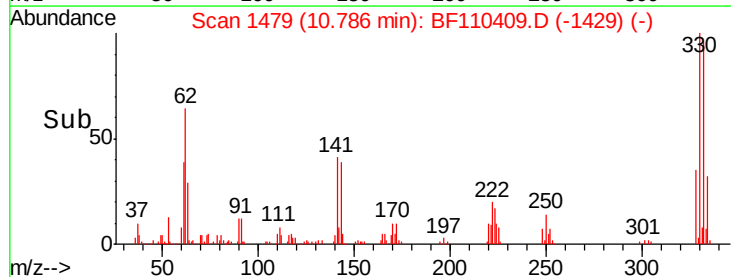
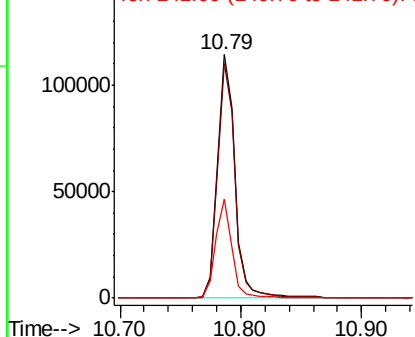


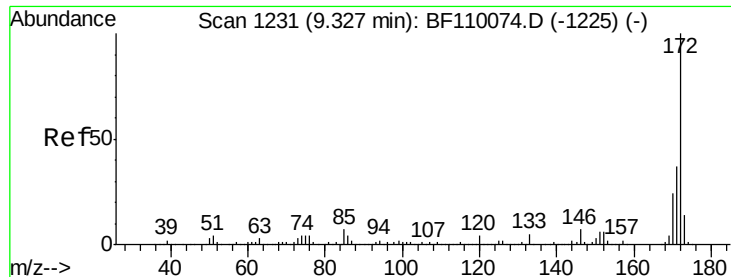
#42
2,4,6-Tribromophenol
Concen: 85.049 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110409.D
Acq: 2 Nov 2018 13:56

Tgt Ion:330 Resp: 113061
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 38.2 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



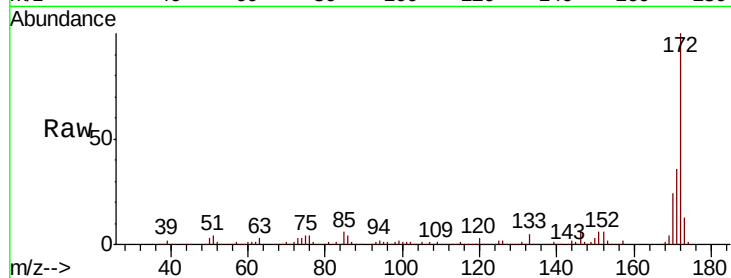


#45
 2-Fluorobiphenyl
 Concen: 79.185 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110409.D
 Acq: 2 Nov 2018 13:56

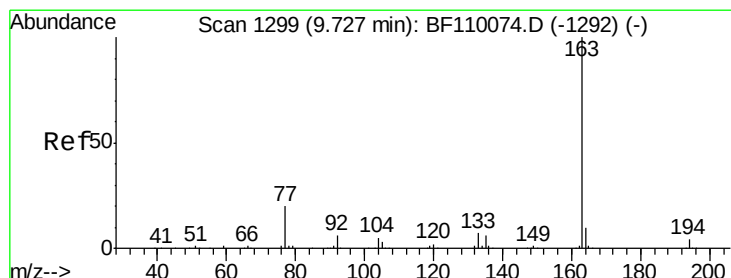
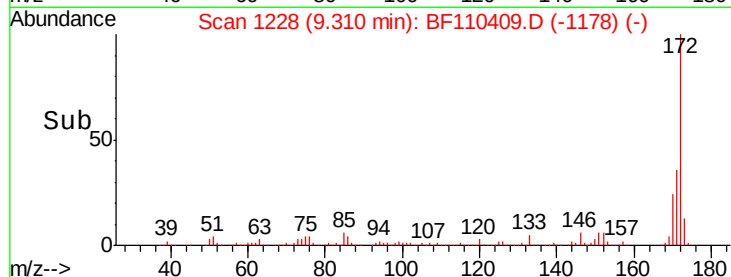
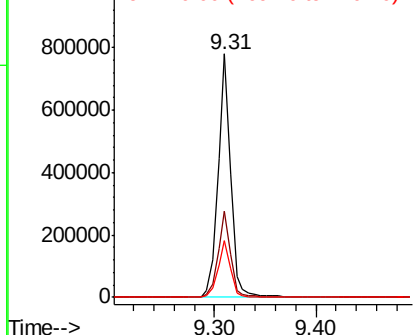
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 676763

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.5	19.7	29.5



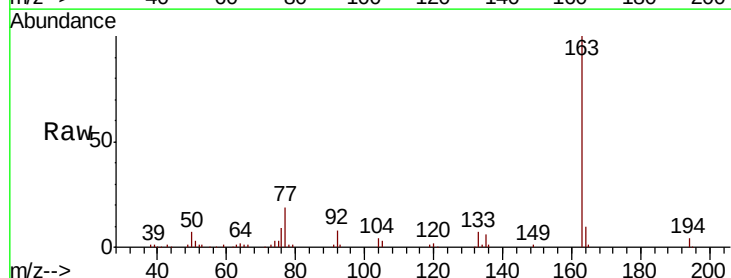
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



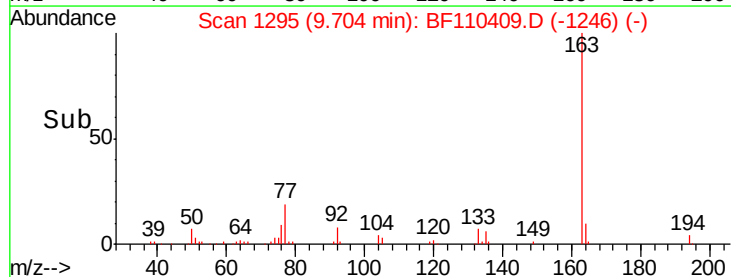
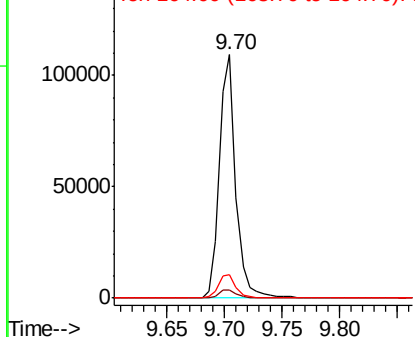
#50
 Dimethylphthalate
 Concen: 10.851 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF110409.D
 Acq: 2 Nov 2018 13:56

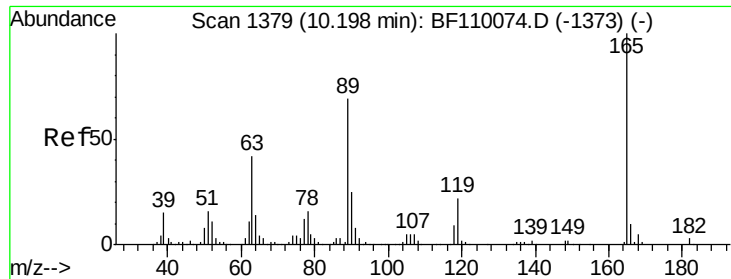
Tgt Ion:163 Resp: 107495

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.8	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

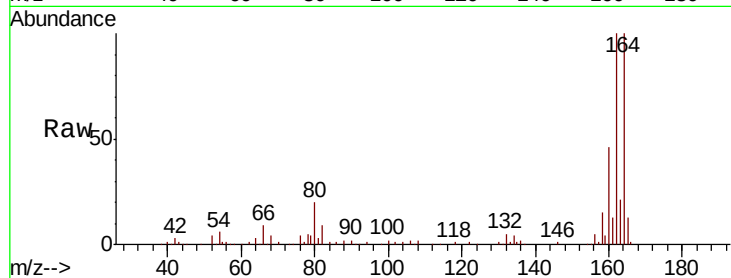




#57
2,4-Dinitrotoluene
Concen: 6.139 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110409.D
Acq: 2 Nov 2018 13:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:165	Resp:	16640
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#

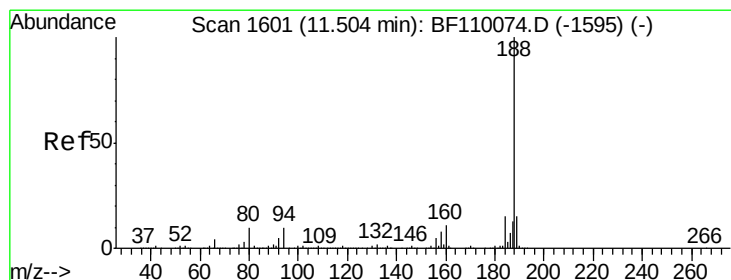
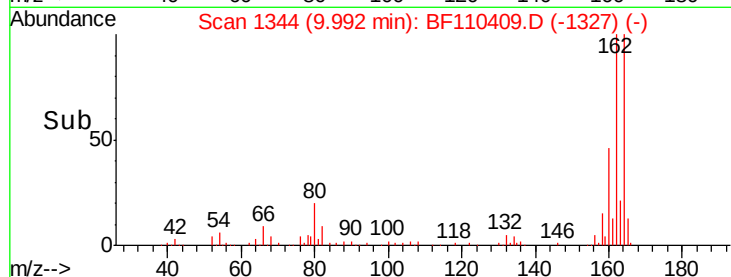
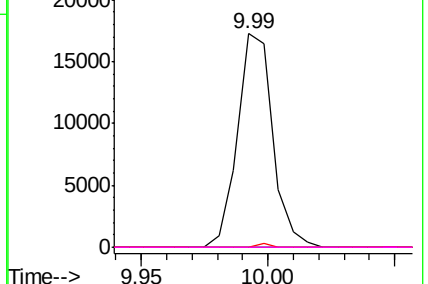


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

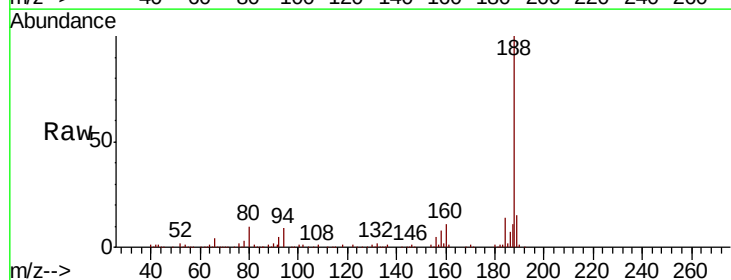
Ion 89.00 (88.70 to 89.70): BF1

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: BF110409.D
Acq: 2 Nov 2018 13:56

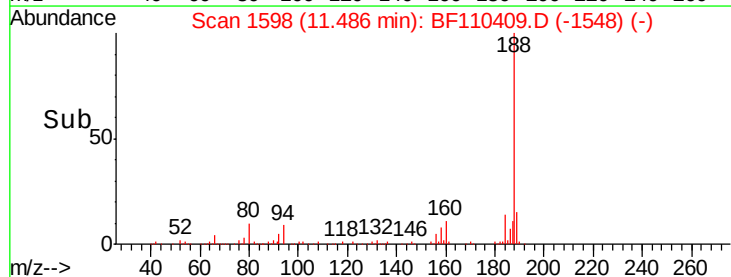
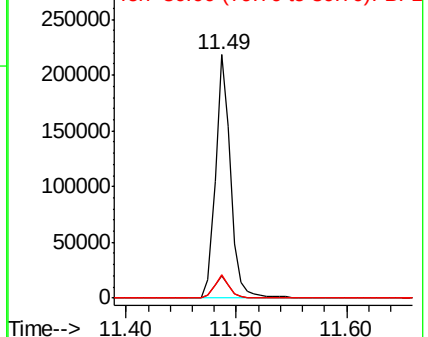
Tgt Ion:188	Resp:	204752
Ion Ratio	Lower	Upper
188	100	
94	8.9	7.2 10.8
80	9.8	7.9 11.9

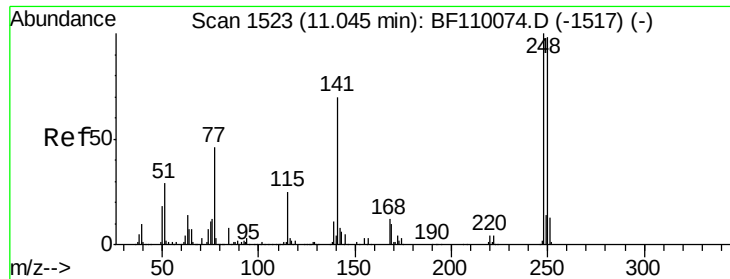


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

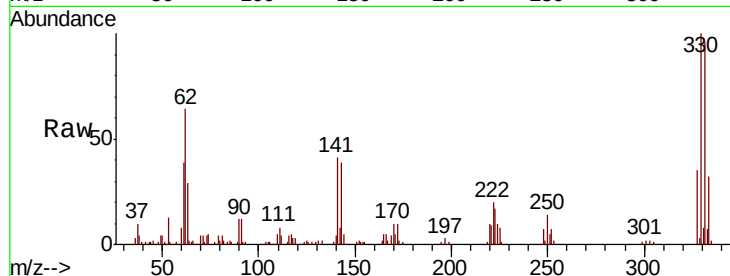




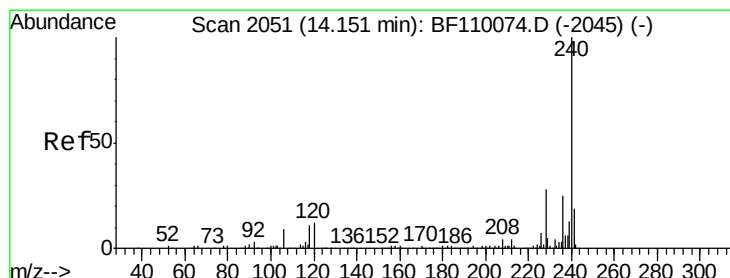
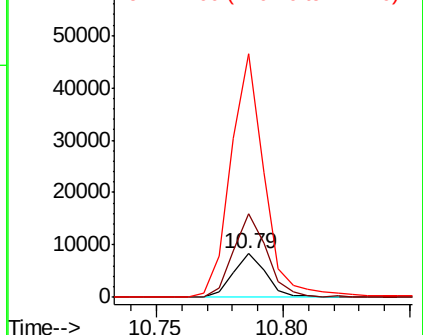
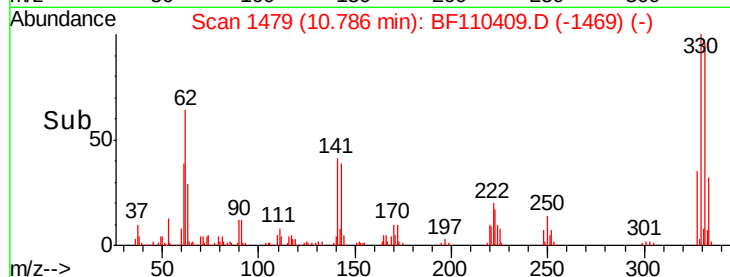
#67
4-Bromophenyl-phenylether
Concen: 3.365 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110409.D
Acq: 2 Nov 2018 13:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7473
Ion Ratio Lower Upper
248 100
250 193.3 79.4 119.2#
141 562.1 55.9 83.9#

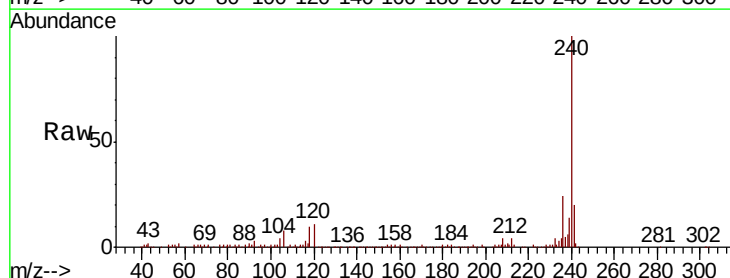


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

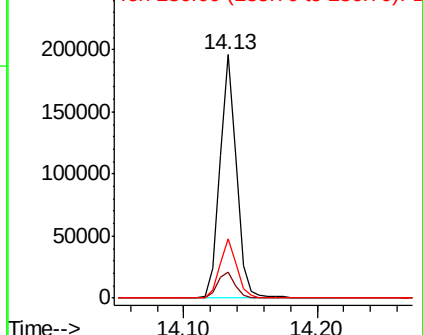
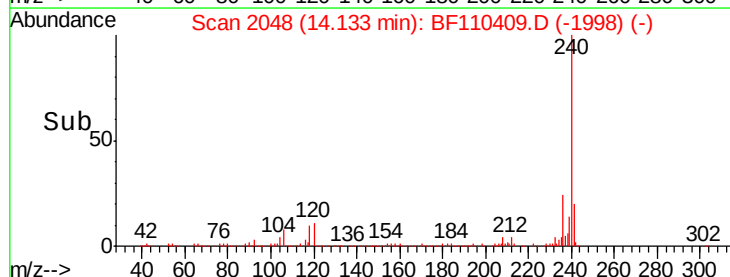


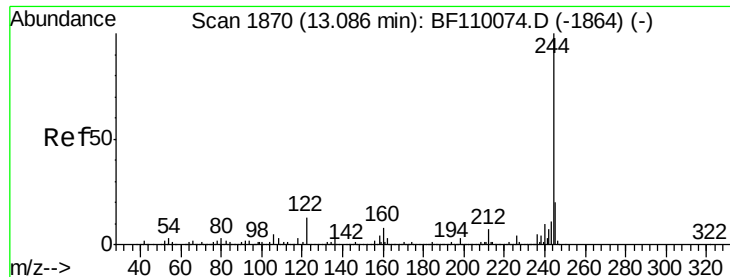
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110409.D
Acq: 2 Nov 2018 13:56

Tgt Ion:240 Resp: 173214
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 24.4 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

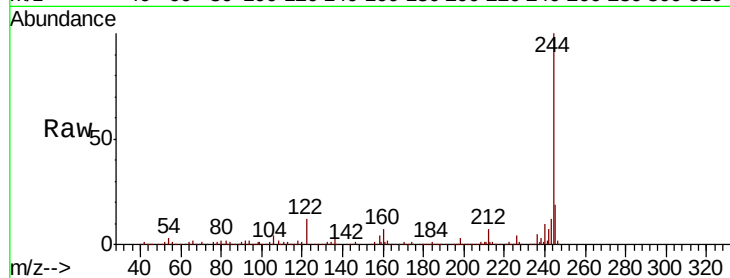




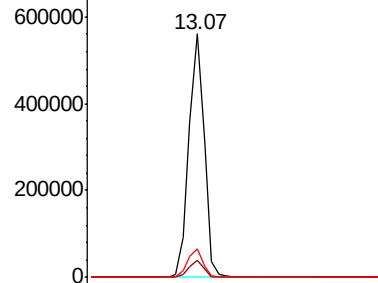
#79
 Terphenyl-d14
 Concen: 58.353 ng
 RT: 13.07 min Scan# 1867
 Delta R.T. -0.01 min
 Lab File: BF110409.D
 Acq: 2 Nov 2018 13:56

Instrument :
 BNA_F
 ClientSampleId :

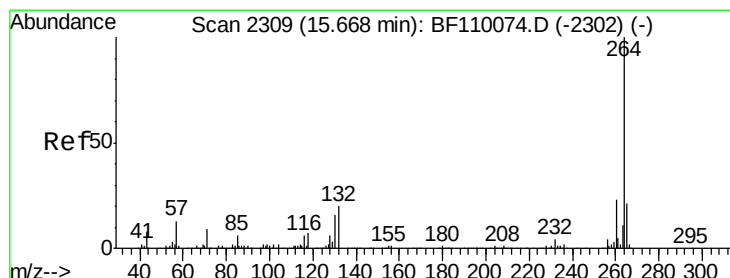
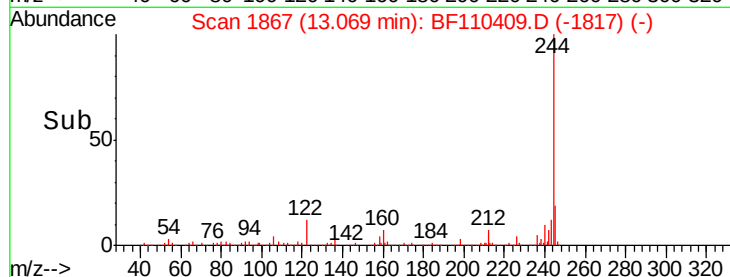
Tot Ion:244 Resp: 486008
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 12.0 8.7 13.1



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

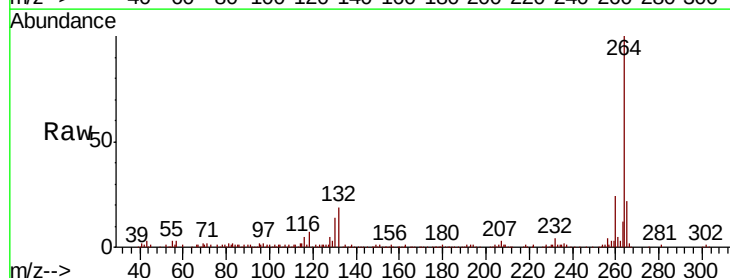


Time-->

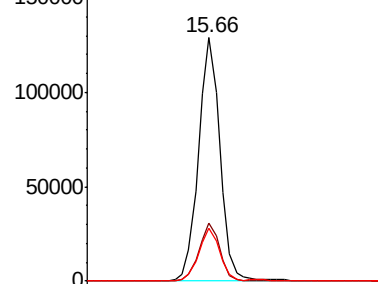


#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110409.D
 Acq: 2 Nov 2018 13:56

Tgt Ion:264 Resp: 166054
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.9 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



Time-->

