

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110139.D
 Acq On : 25 Oct 2018 3:15
 Operator : JU/SJ
 Sample : J5640-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 09:05:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 25 02:28:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	118276	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	422390	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	158113	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	262292	20.00	ng	0.00
76) Chrysene-d12	14.15	240	254311	20.00	ng	0.00
87) Perylene-d12	15.67	264	181566	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.58	112	305658	42.08	ng	0.00
7) Phenol-d6	6.58	99	230065	24.76	ng	0.00
23) Nitrobenzene-d5	7.53	82	684222	96.08	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	127580	81.46	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1137871	113.00	ng	0.00
79) Terphenyl-d14	13.09	244	973431	79.61	ng	0.00

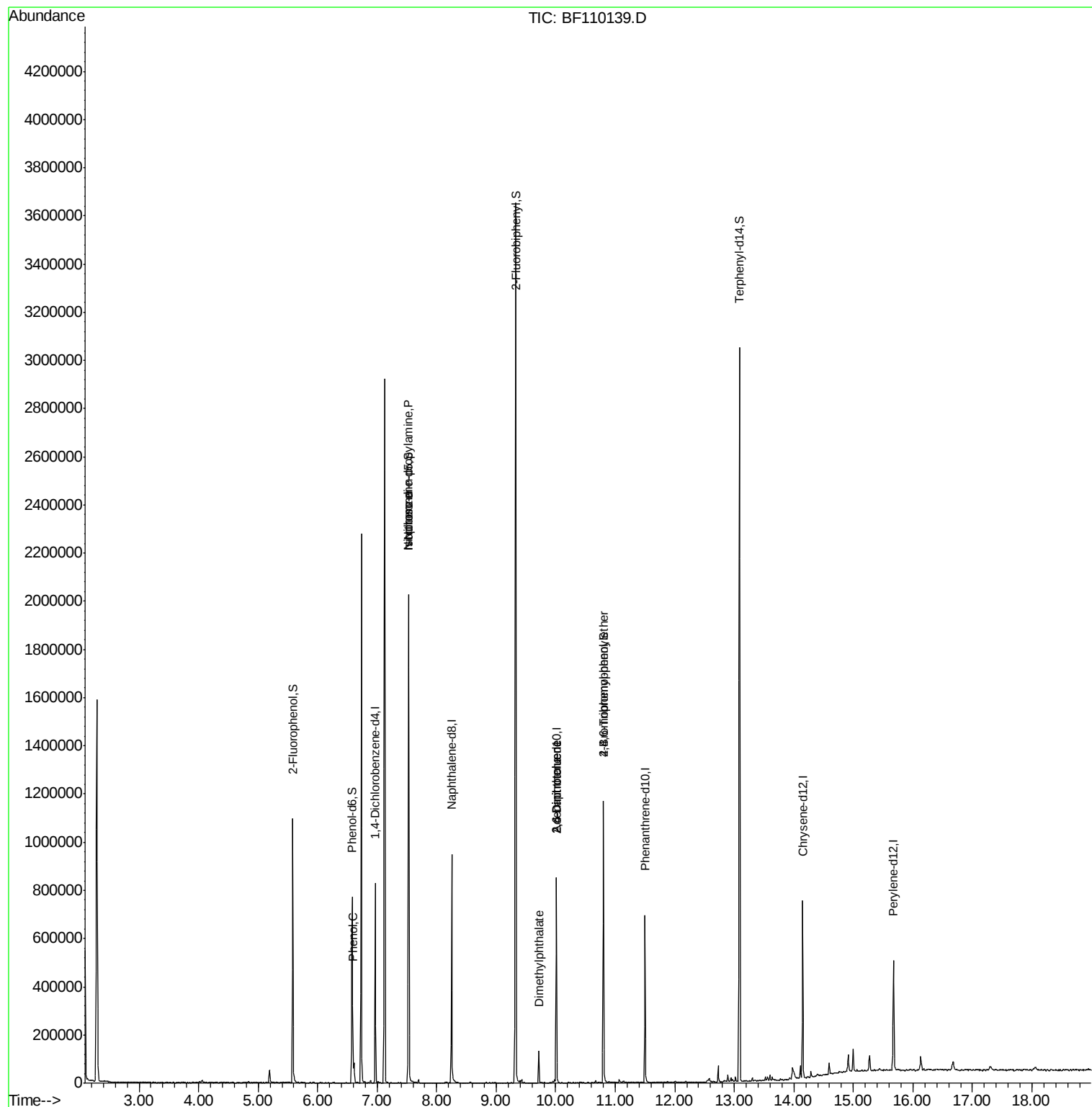
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.59	77	503	Below Cal	#	1
10) Phenol	6.59	94	36098	3.635	ng	# 64
19) n-Nitroso-di-n-propylamine	7.53	70	89123	14.954	ng	# 82
25) Isophorone	7.53	82	684217	56.365	ng	# 67
50) Dimethylphthalate	9.72	163	57256	4.906	ng	99
51) 2,6-Dinitrotoluene	10.01	165	20010	7.959	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	20010	6.266	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	8112	2.851	ng	# 1

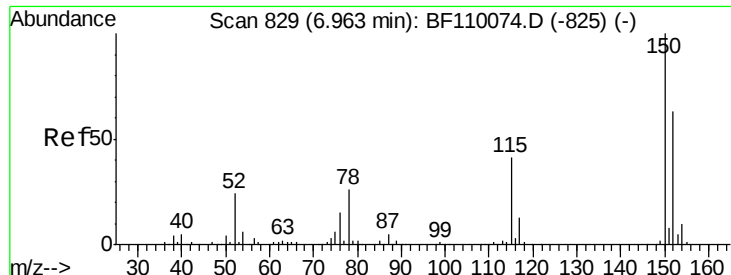
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
Data File : BF110139.D
Acq On : 25 Oct 2018 3:15
Operator : JU/SJ
Sample : J5640-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 25 09:05:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 25 02:28:50 2018
Response via : Initial Calibration



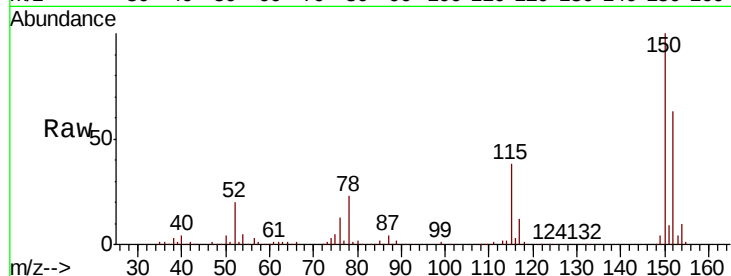


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. 0.01 min
 Lab File: BF110139.D
 Acq: 25 Oct 2018 3:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	122.7	184.1
115	60.4	49.1	73.7

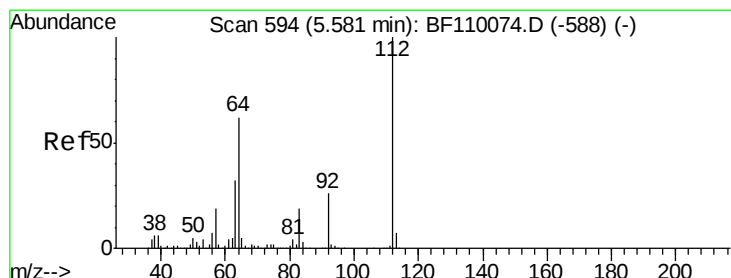
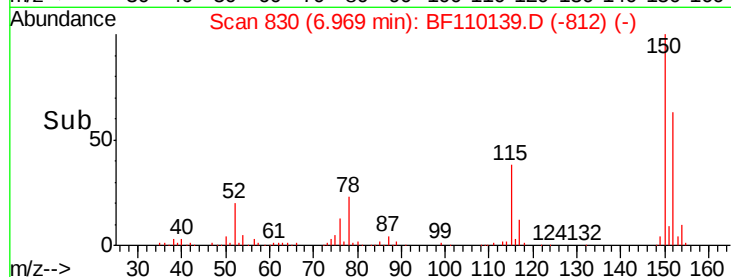
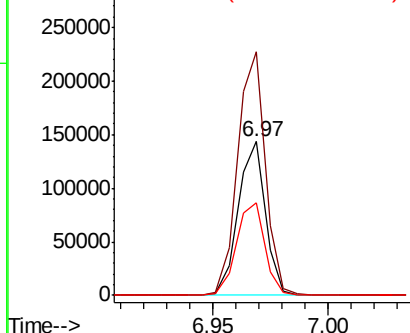


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

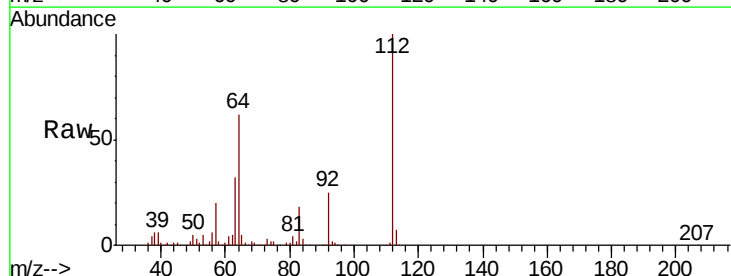
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 42.084 ng
 RT: 5.58 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF110139.D
 Acq: 25 Oct 2018 3:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.7	44.1	66.1
63	32.2	23.7	35.5

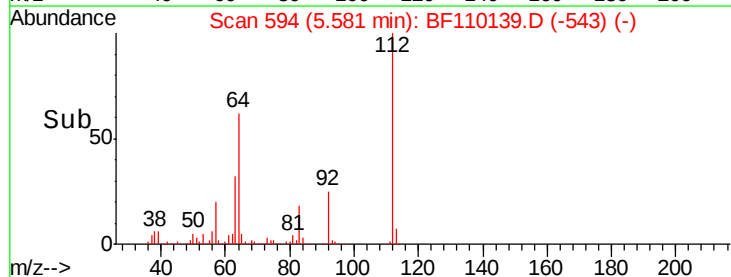
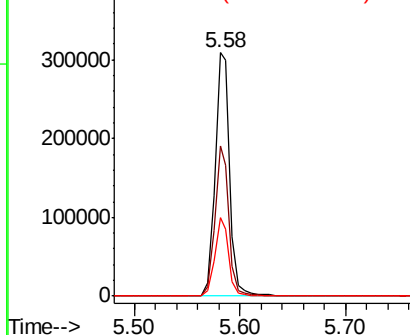


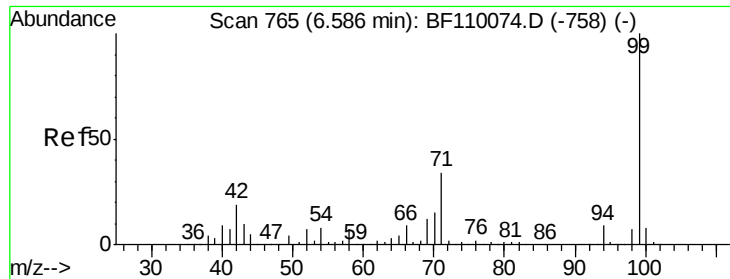
Abundance

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: 24.765 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110139.D

Acq: 25 Oct 2018 3:15

Instrument :

BNA_F

ClientSampleId :

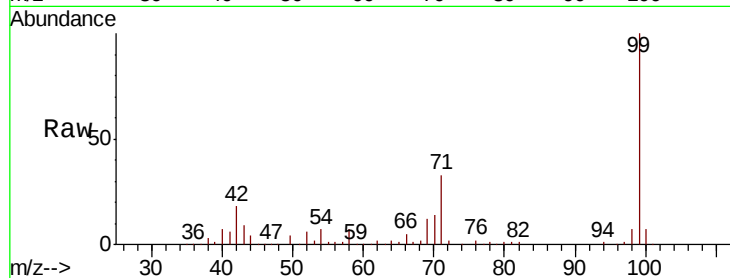
Tot Ion: 99 Resp: 230065

Ion Ratio Lower Upper

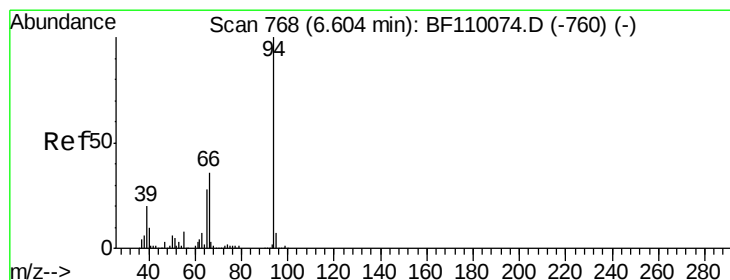
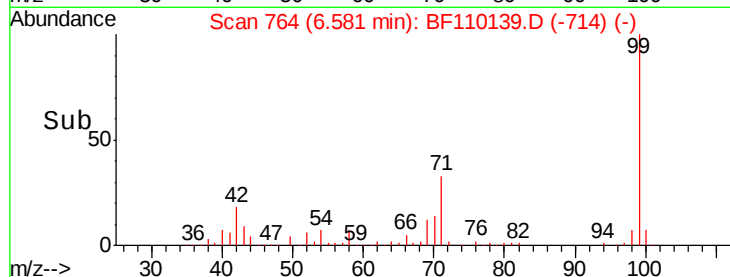
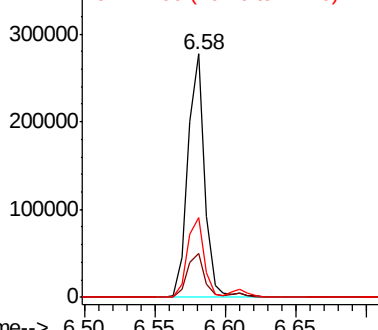
99 100

42 18.3 15.8 23.6

71 32.9 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: 3.635 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110139.D

Acq: 25 Oct 2018 3:15

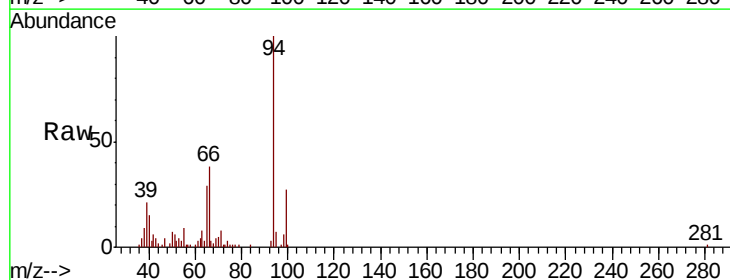
Tgt Ion: 94 Resp: 36098

Ion Ratio Lower Upper

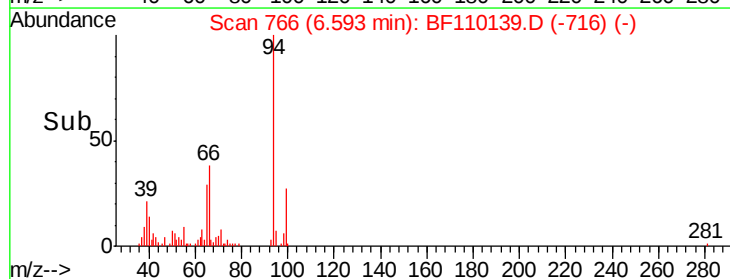
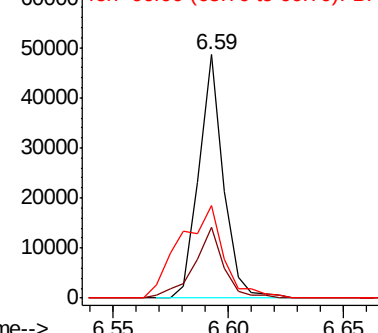
94 100

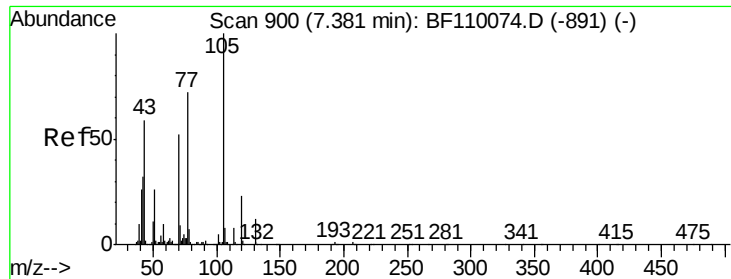
65 29.3 25.3 65.3

66 37.9 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

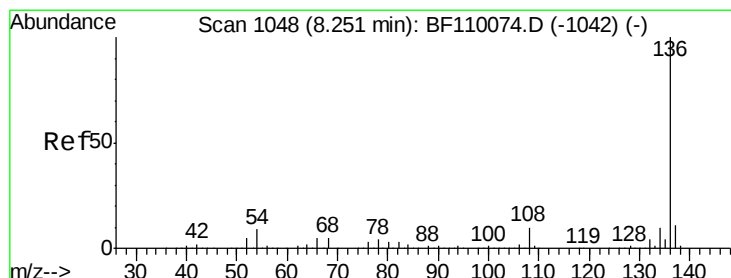
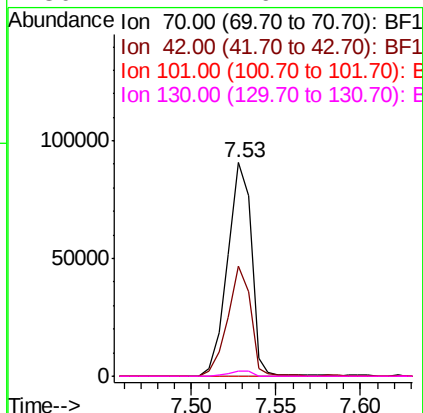
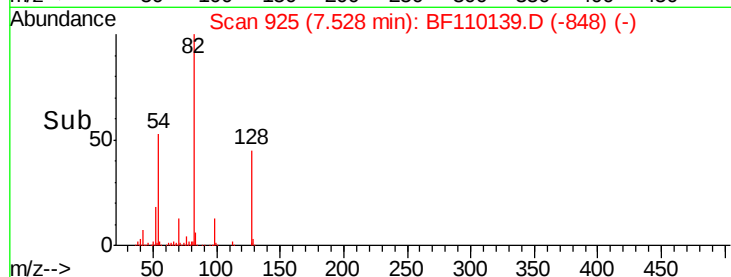
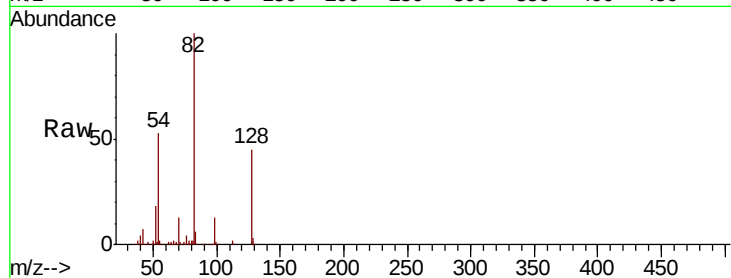




#19
n-Nitroso-di-n-propylamine
Concen: 14.954 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

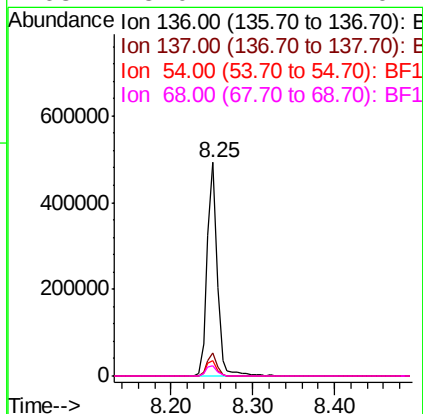
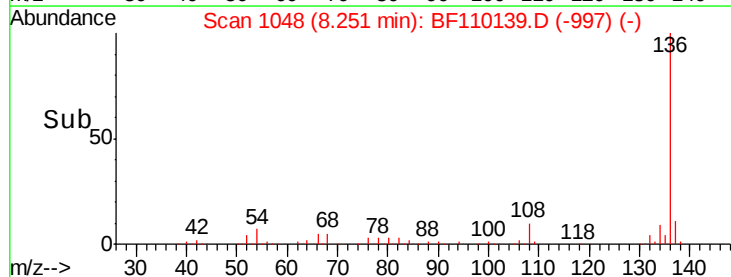
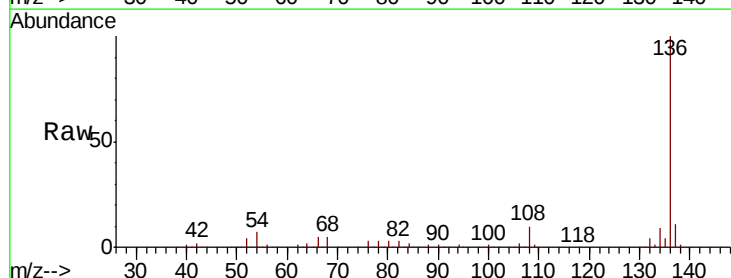
Instrument :
BNA_F
ClientSampled :

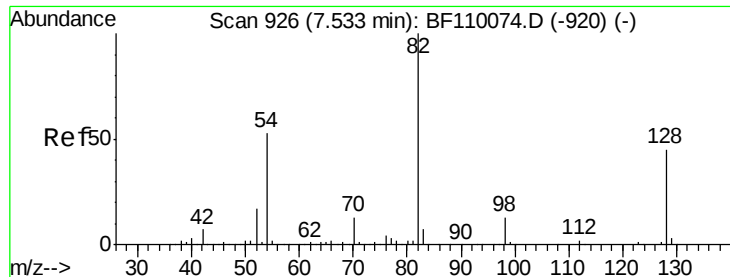
Tot Ion: 70 Resp: 89123
Ion Ratio Lower Upper
70 100
42 51.8 47.4 71.2
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Tgt Ion: 136 Resp: 422390
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.2 5.4 8.2
68 5.0 4.2 6.2

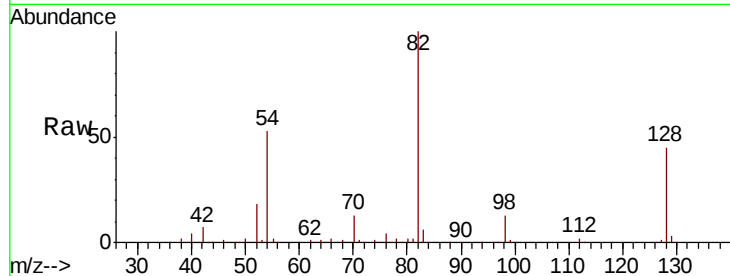




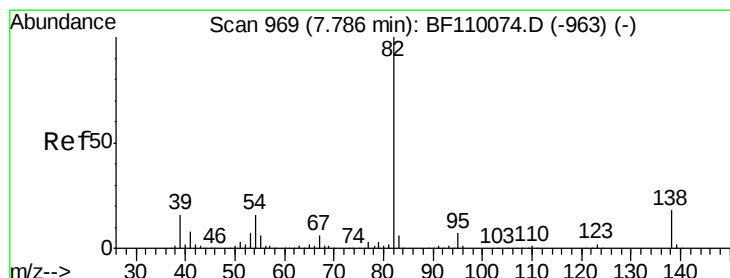
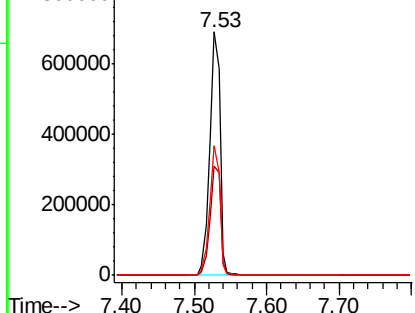
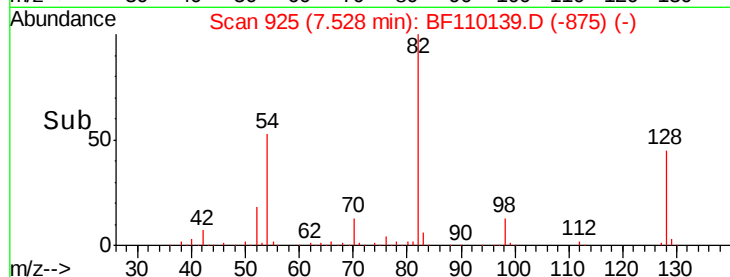
#23
Nitrobenzene-d5
Concen: 96.080 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 684222
Ion Ratio Lower Upper
82 100
128 44.7 34.2 51.2
54 53.1 38.6 58.0

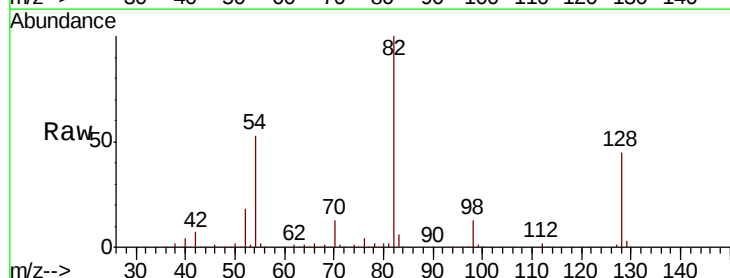


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

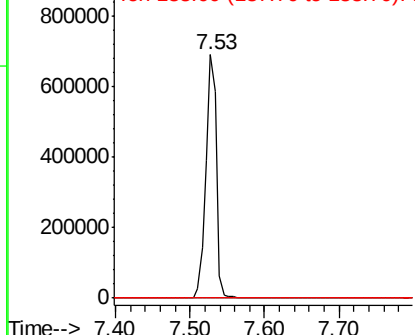
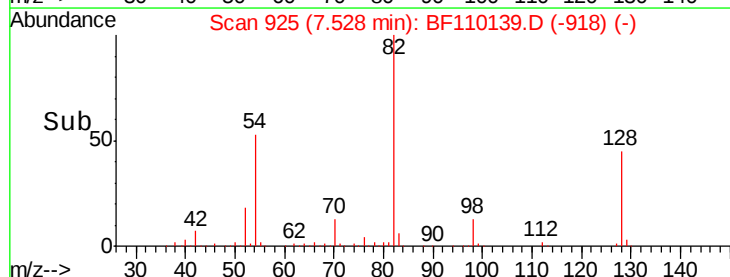


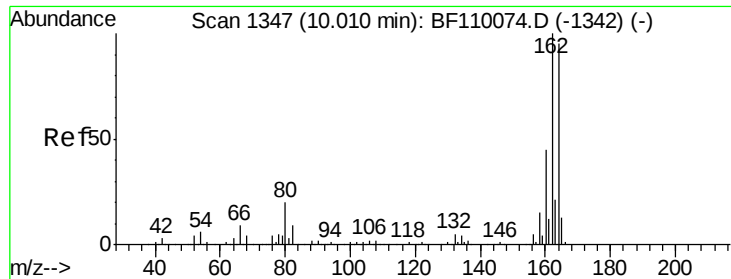
#25
Isophorone
Concen: 56.365 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Tgt Ion: 82 Resp: 684217
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

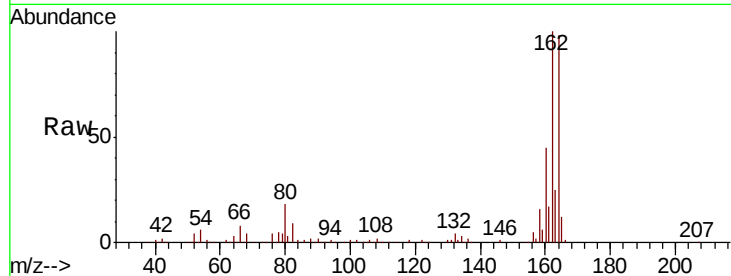




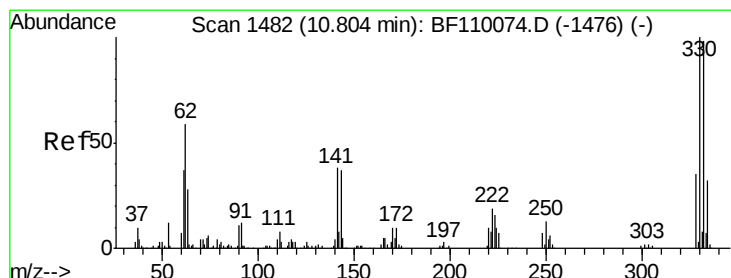
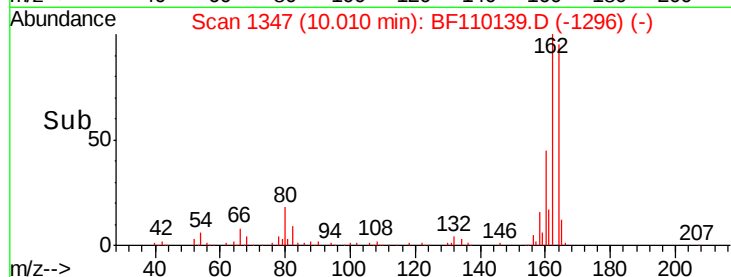
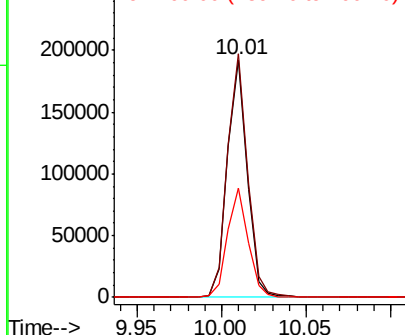
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 158113
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.6
160 45.9 37.0 55.6

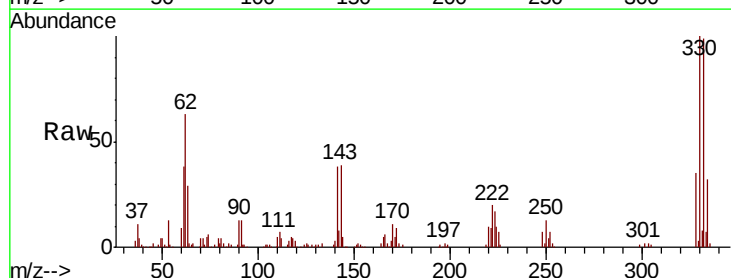


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

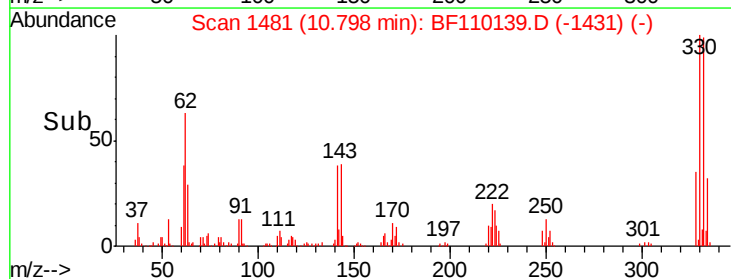
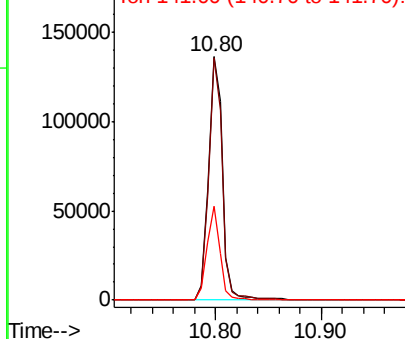


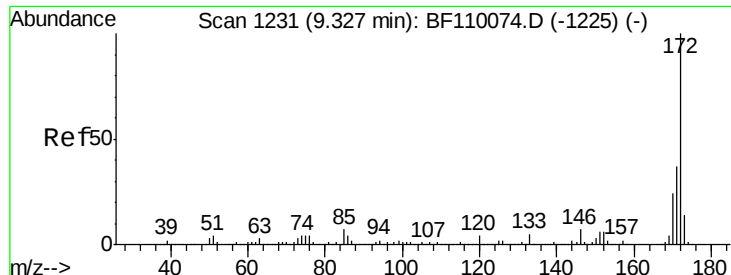
#42
2,4,6-Tribromophenol
Concen: 81.458 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Tgt Ion:330 Resp: 127580
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 35.6 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

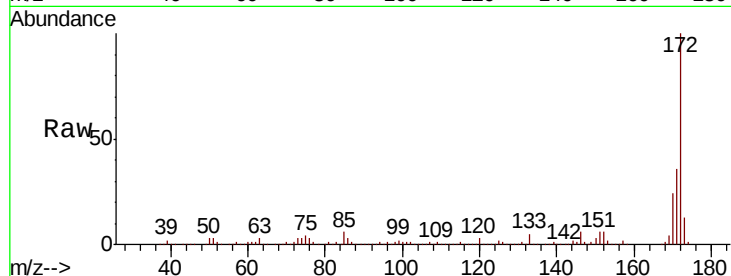




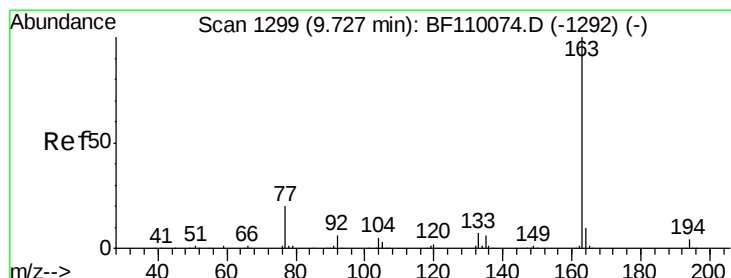
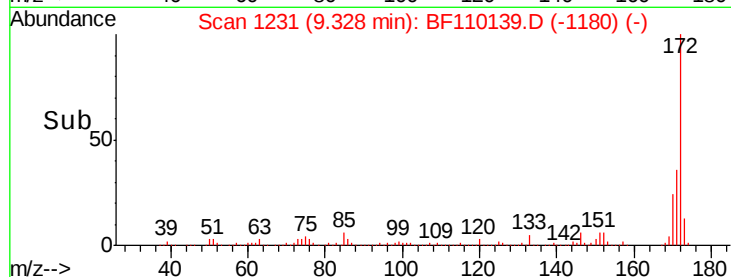
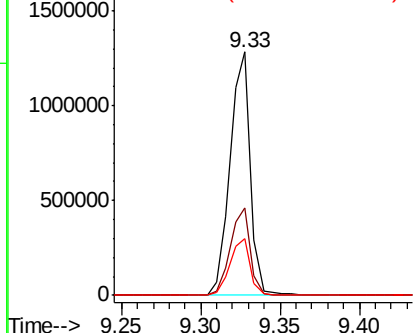
#45
2-Fluorobiphenyl
Concen: 113.005 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1137871
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.6 19.7 29.5

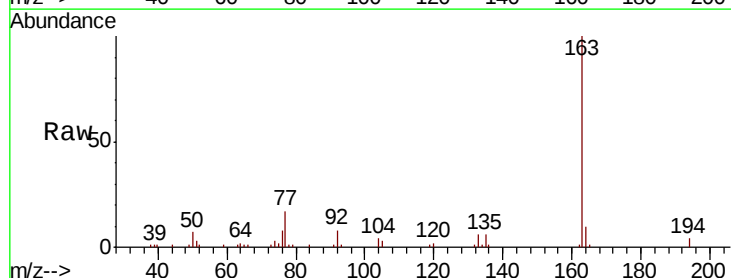


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

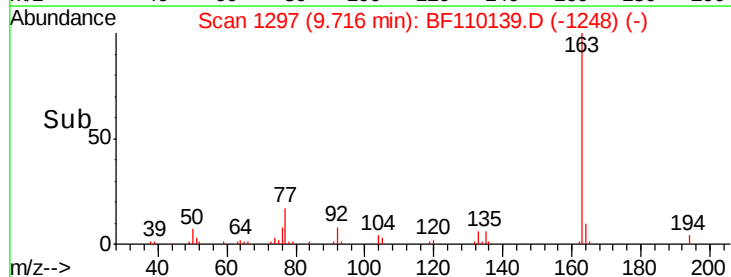
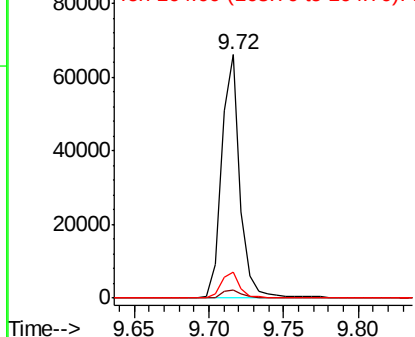


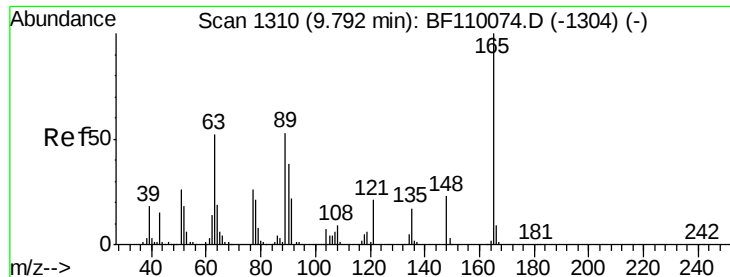
#50
Dimethylphthalate
Concen: 4.906 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Tgt Ion:163 Resp: 57256
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.4 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

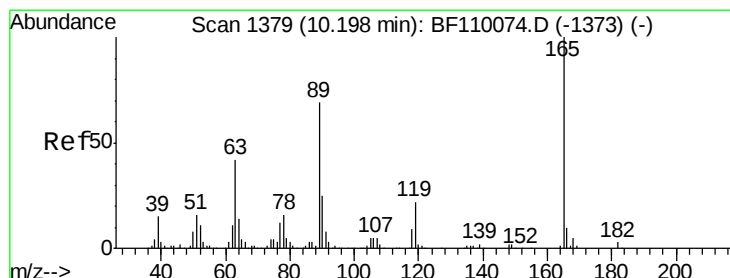
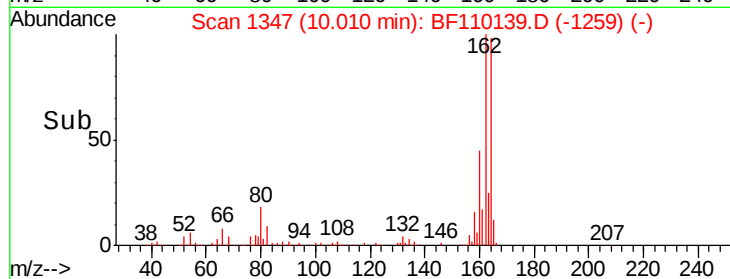
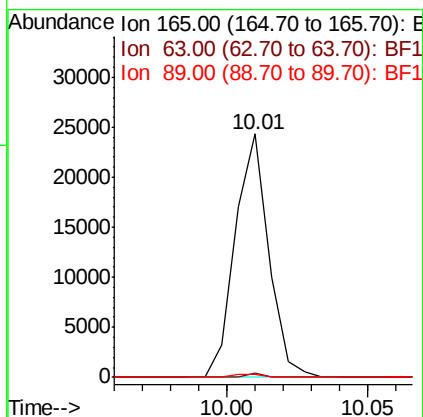
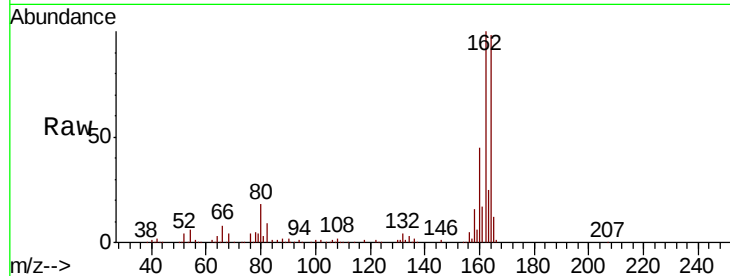




#51
2,6-Dinitrotoluene
Concen: 7.959 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

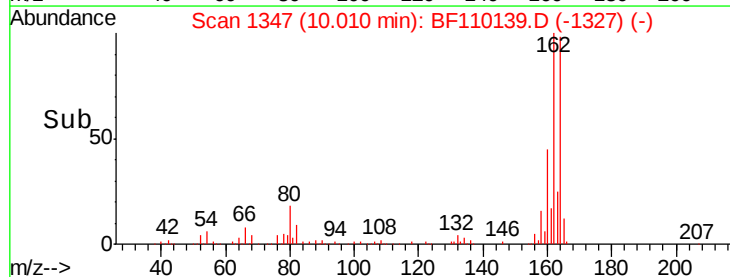
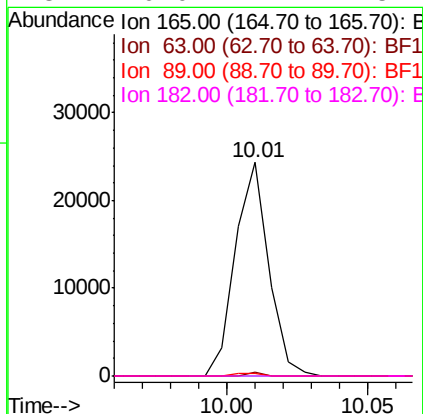
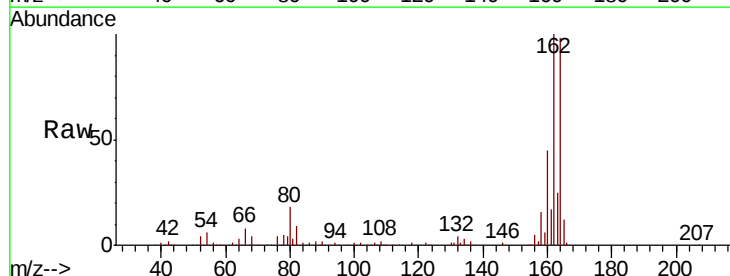
Instrument :
BNA_F
ClientSampleId :

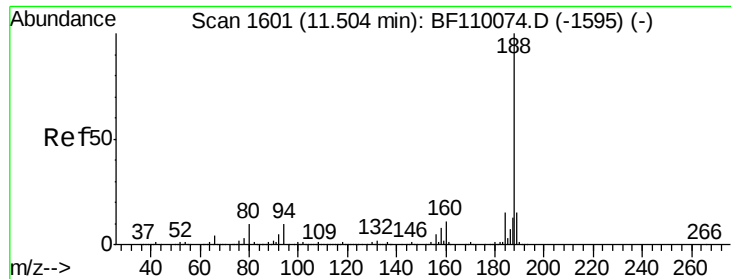
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	48.9	73.3#
89	1.3	46.6	69.8#



#57
2,4-Dinitrotoluene
Concen: 6.266 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	44.8	67.2#
89	1.3	62.2	93.4#
182	0.0	2.1	3.1#

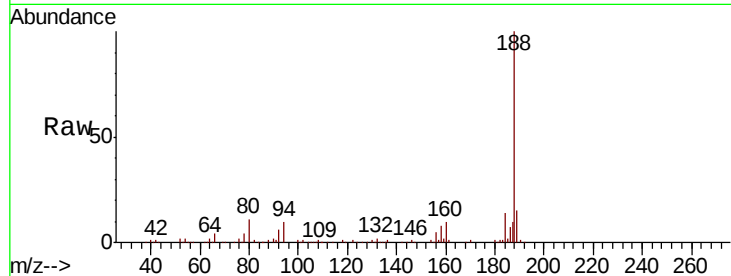




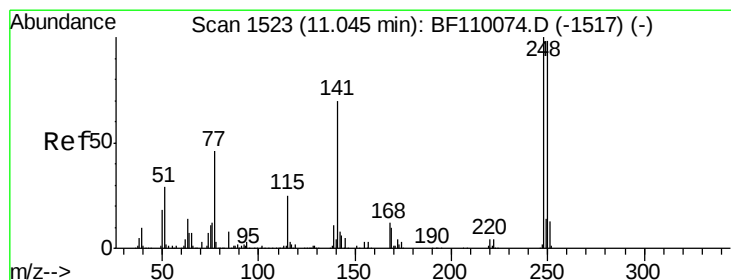
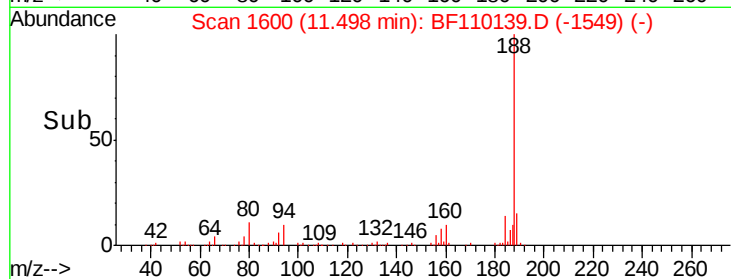
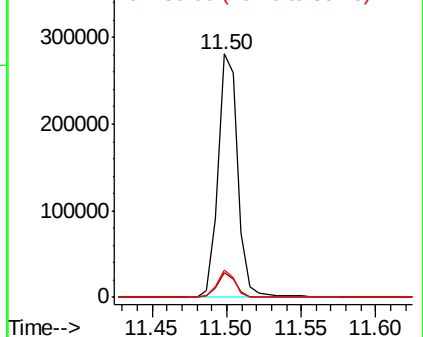
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 262292
Ion Ratio Lower Upper
188 100
94 10.1 7.2 10.8
80 11.3 7.9 11.9

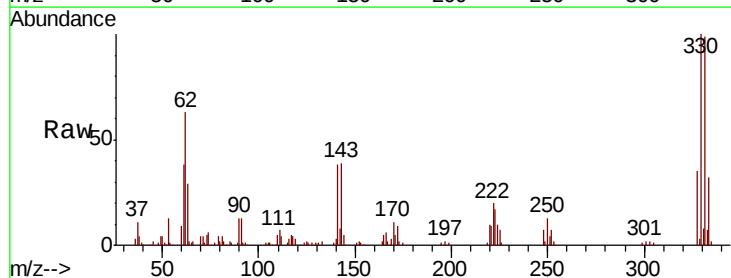


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

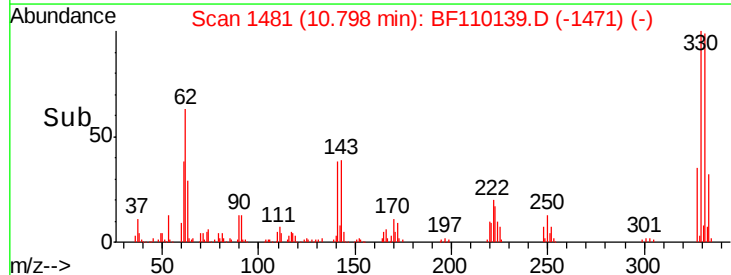
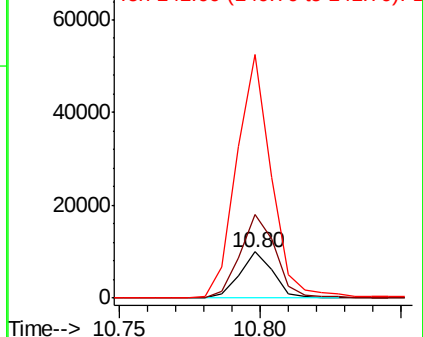


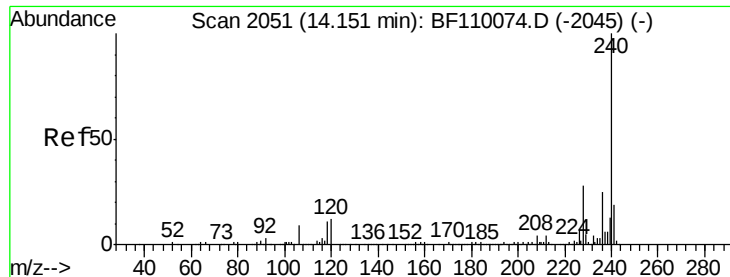
#67
4-Bromophenyl-phenylether
Concen: 2.851 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Tgt Ion:248 Resp: 8112
Ion Ratio Lower Upper
248 100
250 180.4 79.4 119.2#
141 528.7 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

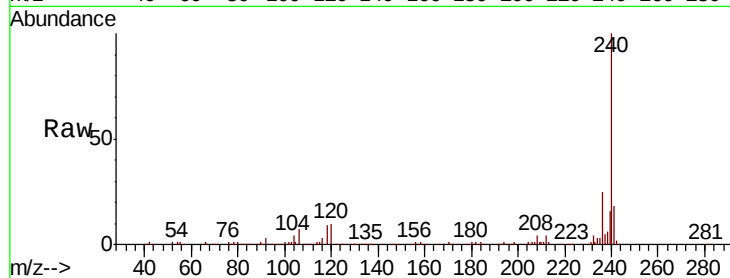




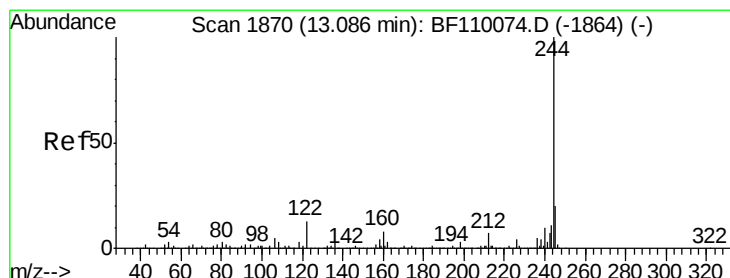
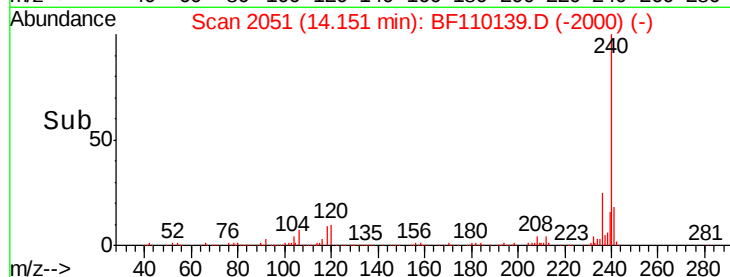
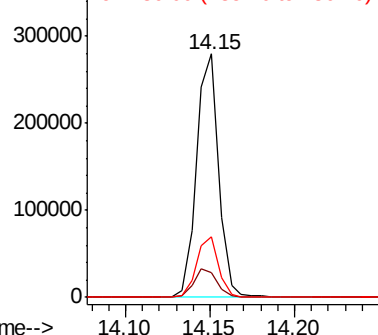
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. 0.00 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 254311
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 24.7 21.2 31.8

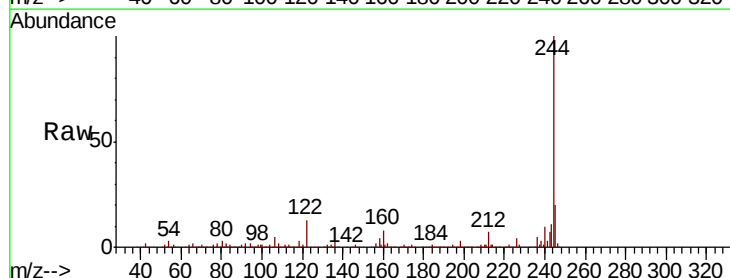


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

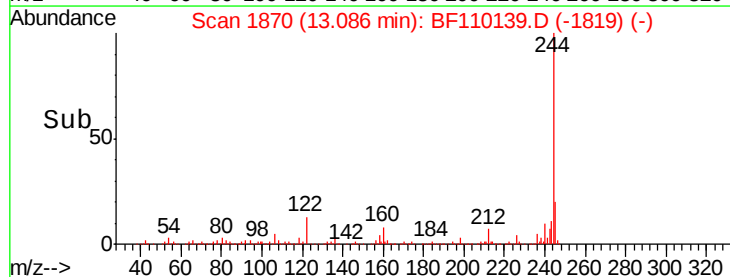
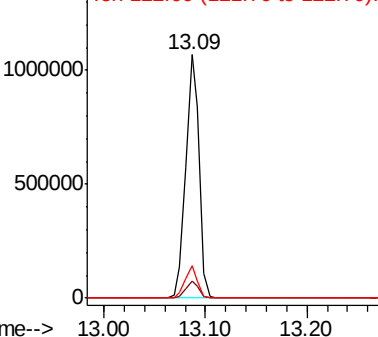


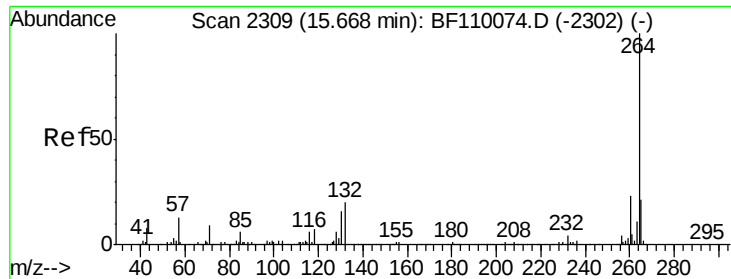
#79
Terphenyl-d14
Concen: 79.605 ng
RT: 13.09 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BF110139.D
Acq: 25 Oct 2018 3:15

Tgt Ion:244 Resp: 973431
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 13.2 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

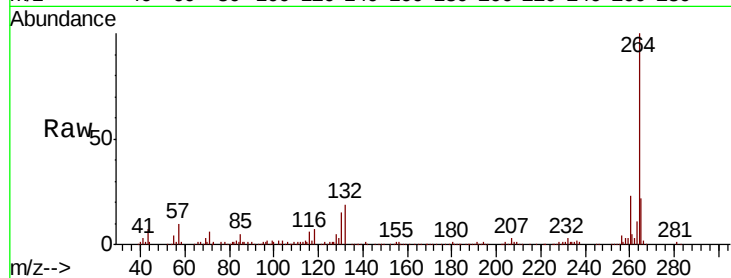




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2310
 Delta R.T. 0.01 min
 Lab File: BF110139.D
 Acq: 25 Oct 2018 3:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.7	28.1
265	21.6	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

