

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102418\
 Data File : BF110151.D
 Acq On : 25 Oct 2018 8:42
 Operator : JU/SJ
 Sample : J5640-19
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 09:28:49 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

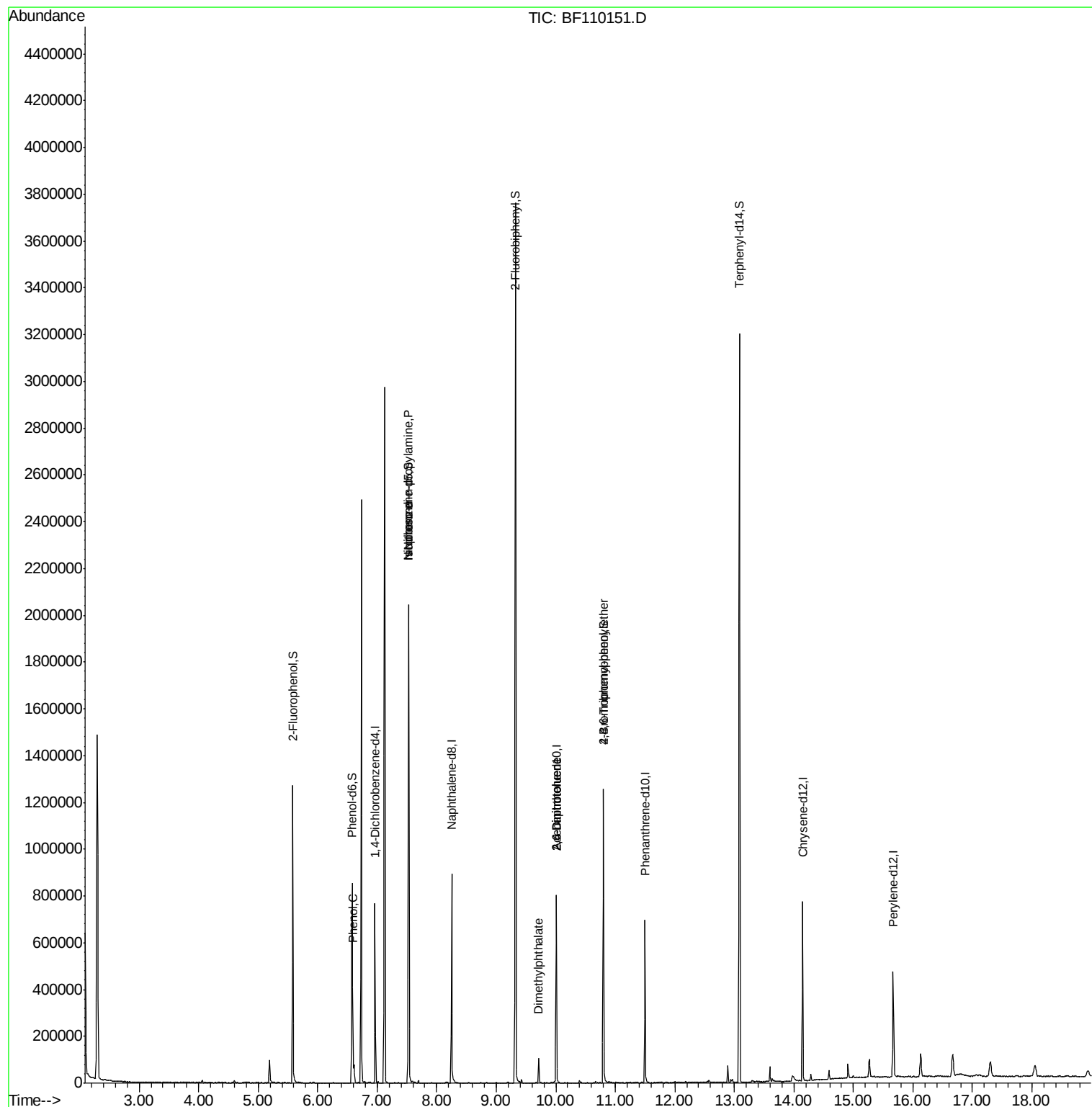
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	114071	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	421124	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	150094	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	262386	20.00	ng	0.00
76) Chrysene-d12	14.14	240	254437	20.00	ng	0.00
87) Perylene-d12	15.67	264	173642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	346615	49.48	ng	0.00
7) Phenol-d6	6.58	99	250806	27.99	ng	0.00
23) Nitrobenzene-d5	7.53	82	723029	101.83	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	136371	91.72	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1193093	124.82	ng	0.00
79) Terphenyl-d14	13.09	244	1028554	84.07	ng	0.00
Target Compounds						
10) Phenol	6.59	94	68764	7.180	ng	# 62
19) n-Nitroso-di-n-propylamine	7.53	70	95460	16.607	ng	# 78
25) Isophorone	7.53	82	723022	59.740	ng	# 67
50) Dimethylphthalate	9.72	163	47702	4.305	ng	100
51) 2,6-Dinitrotoluene	10.01	165	19409	8.133	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	19409	6.403	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	8772	3.082	ng	# 1

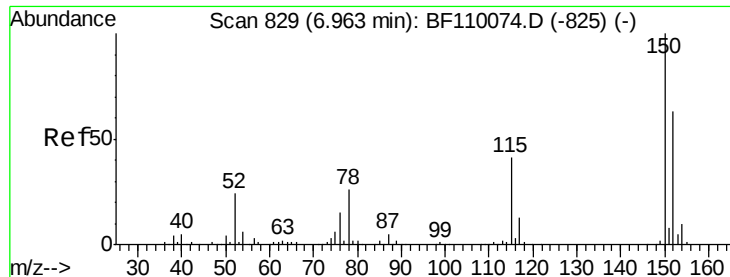
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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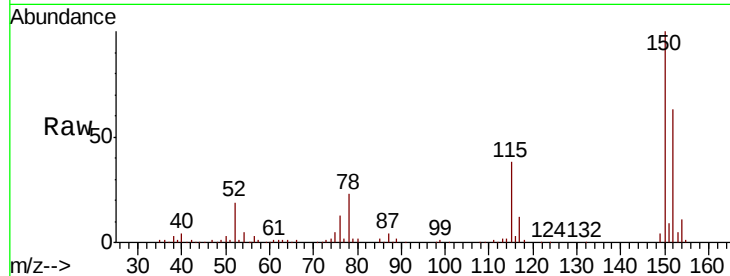


#1

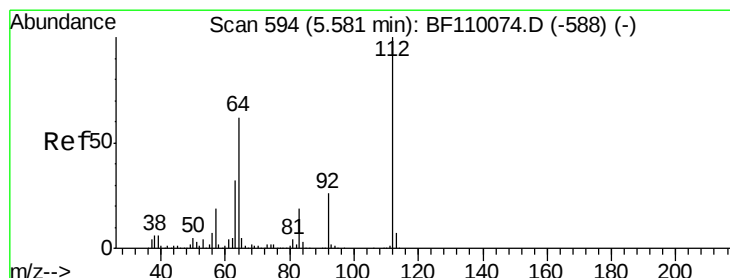
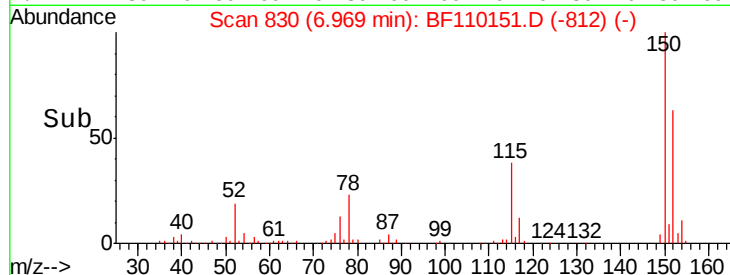
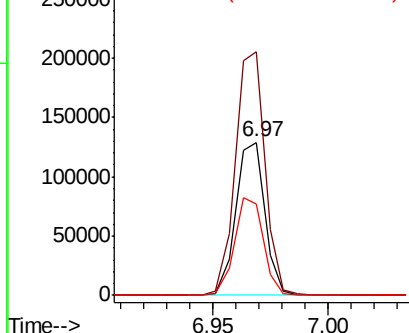
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF110151.D
Acq: 25 Oct 2018 8:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	122.7	184.1
115	59.8	49.1	73.7



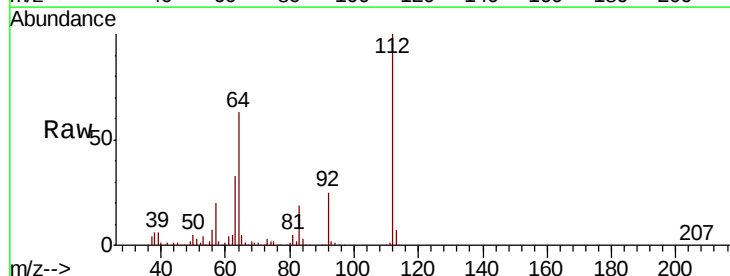
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



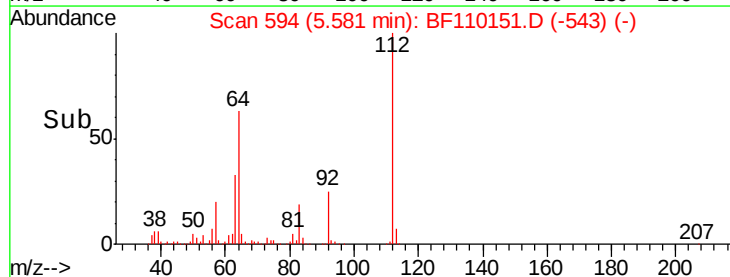
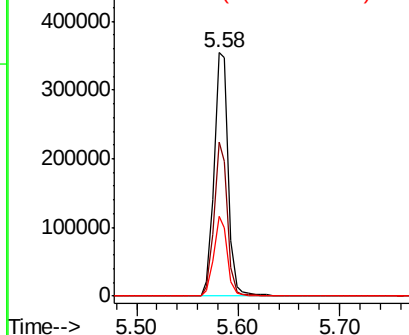
#5

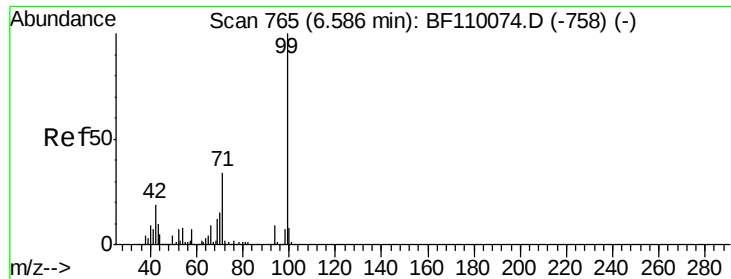
2-Fluorophenol
Concen: 49.482 ng
RT: 5.58 min Scan# 594
Delta R.T. 0.00 min
Lab File: BF110151.D
Acq: 25 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	44.1	66.1
63	32.8	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: 27.992 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110151.D

Acq: 25 Oct 2018 8:42

Instrument :

BNA_F

ClientSampleId :

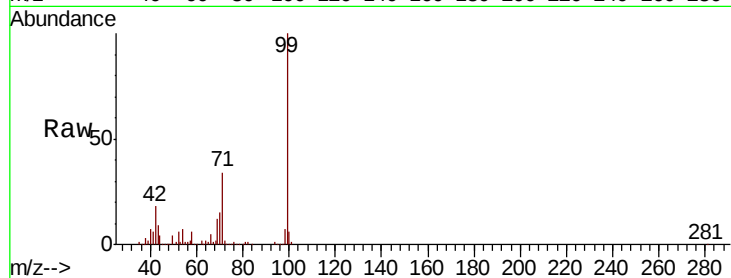
Tot Ion: 99 Resp: 250806

Ion Ratio Lower Upper

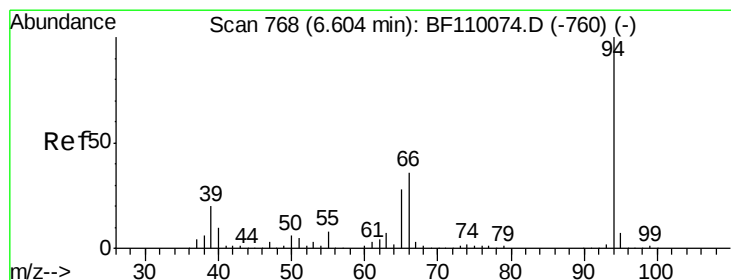
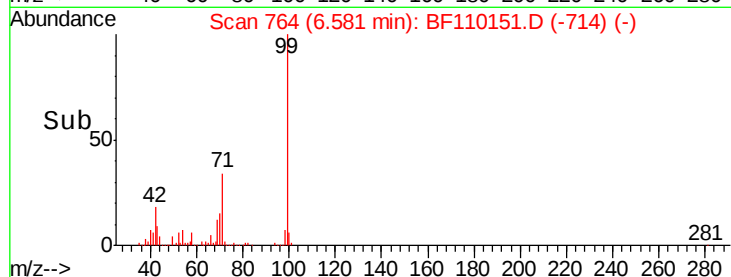
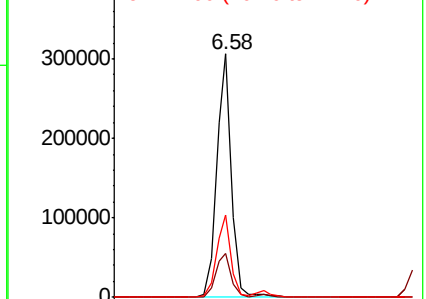
99 100

42 18.3 15.8 23.6

71 33.9 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: 7.180 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF110151.D

Acq: 25 Oct 2018 8:42

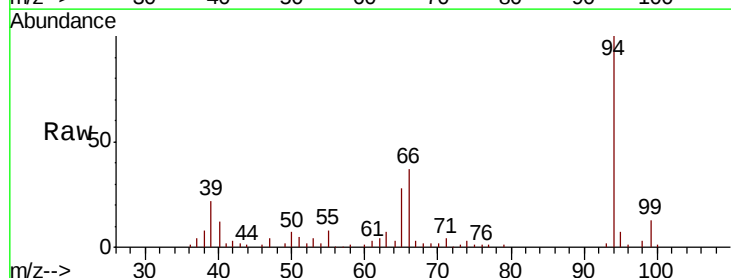
Tgt Ion: 94 Resp: 68764

Ion Ratio Lower Upper

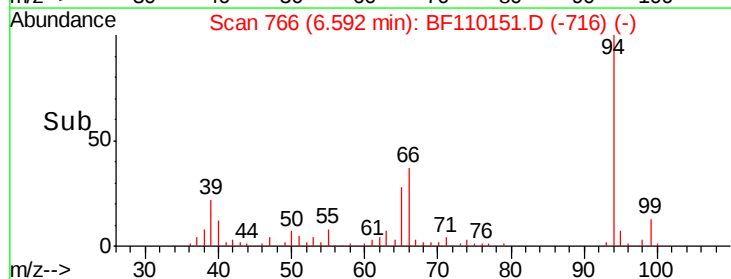
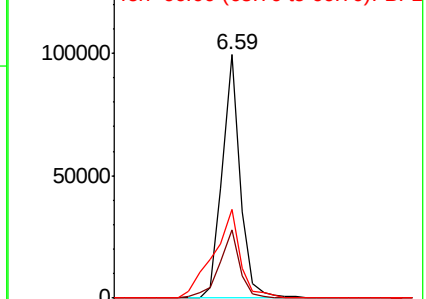
94 100

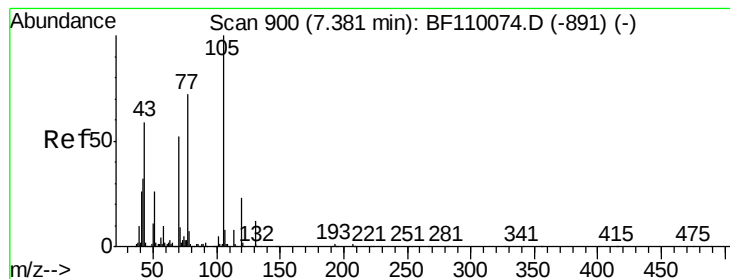
65 28.3 25.3 65.3

66 36.7 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: 16.607 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF110151.D

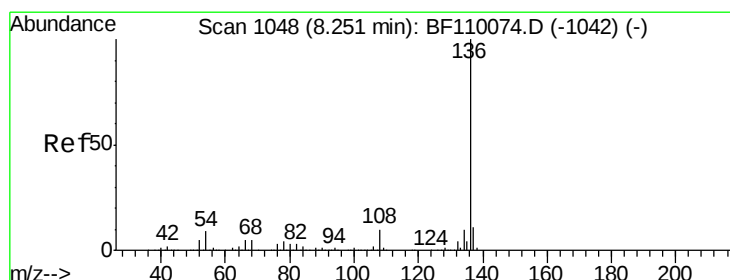
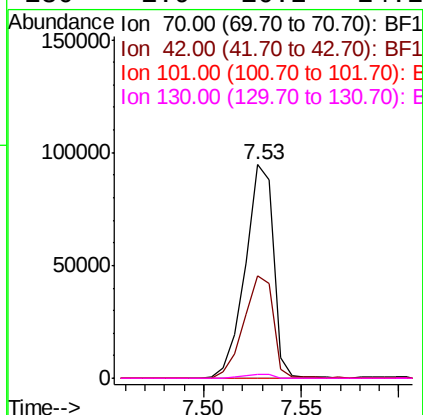
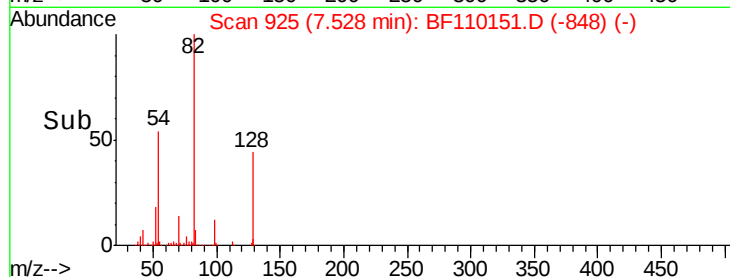
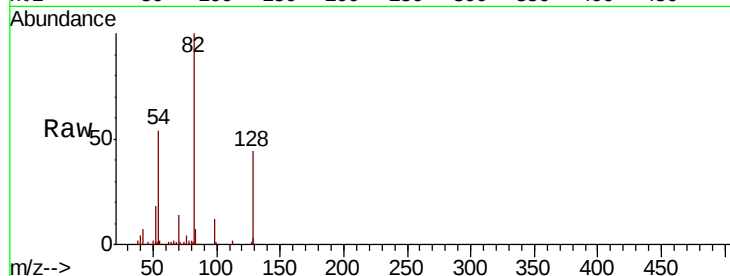
Acq: 25 Oct 2018 8:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	95460
Ion	Ratio	Lower	Upper
70	100		
42	48.1	47.4	71.2
101	0.0	7.3	10.9#
130	1.9	16.2	24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

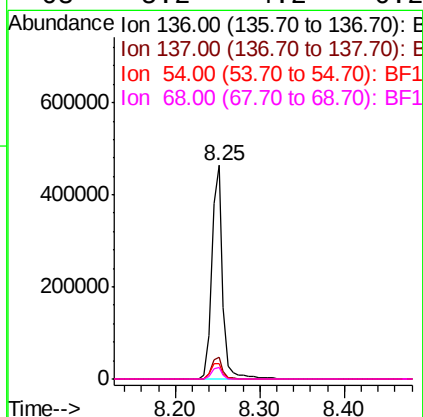
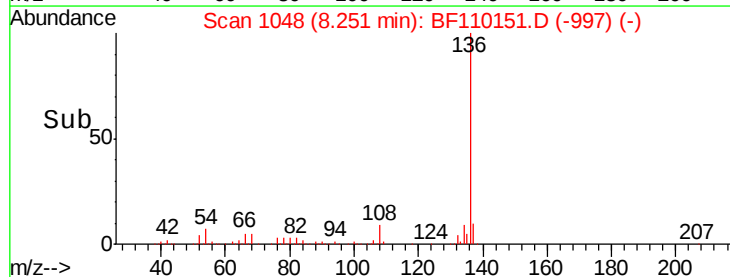
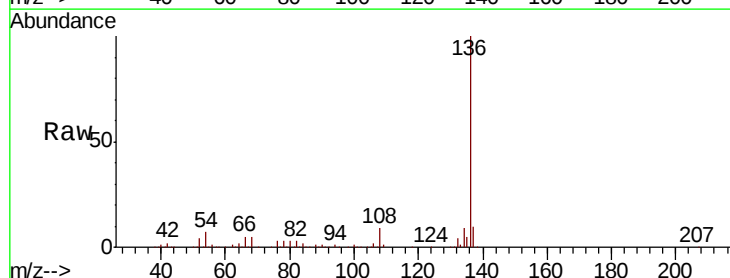
RT: 8.25 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF110151.D

Acq: 25 Oct 2018 8:42

Tgt Ion:	136	Resp:	421124
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	7.2	5.4	8.2
68	5.2	4.2	6.2

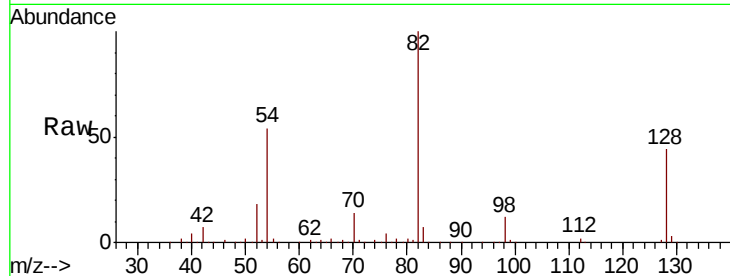




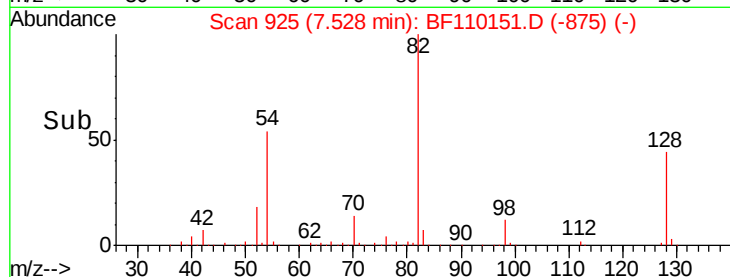
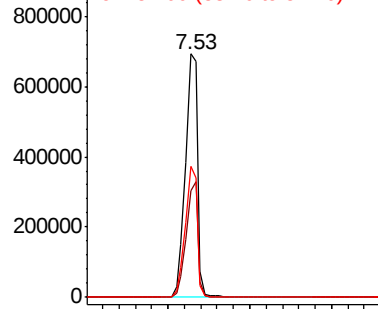
#23
Nitrobenzene-d5
Concen: 101.835 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF110151.D
Acq: 25 Oct 2018 8:42

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	723029
Ion Ratio	100	Lower	Upper
128	43.8	34.2	51.2
54	54.0	38.6	58.0

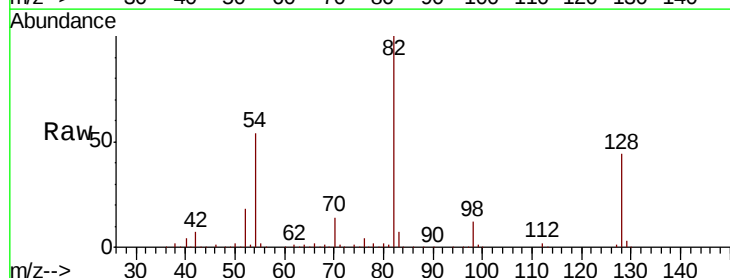


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

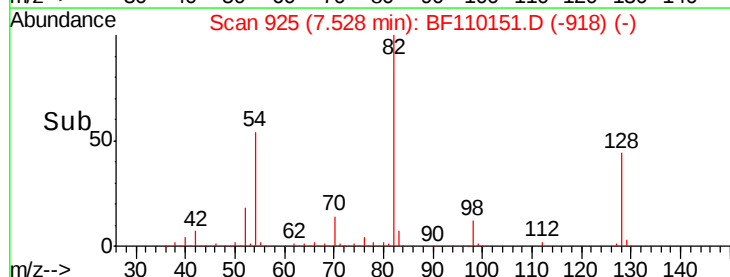
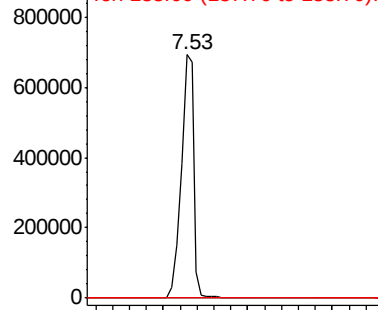


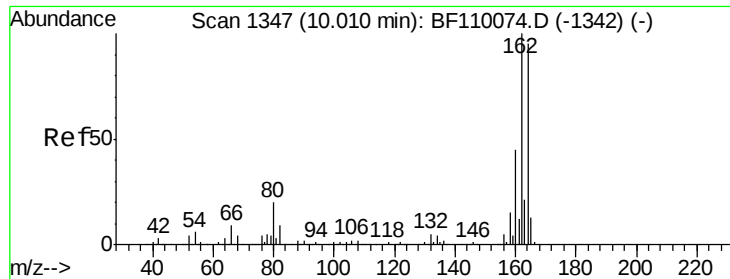
#25
Isophorone
Concen: 59.740 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.26 min
Lab File: BF110151.D
Acq: 25 Oct 2018 8:42

Tgt Ion	82	Resp	723022
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. 0.00 min

Lab File: BF110151.D

Acq: 25 Oct 2018 8:42

Instrument :

BNA_F

ClientSampleId :

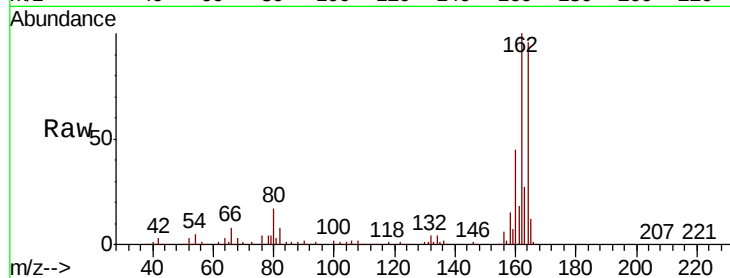
Tot Ion:164 Resp: 150094

Ion Ratio Lower Upper

164 100

162 104.1 83.0 124.6

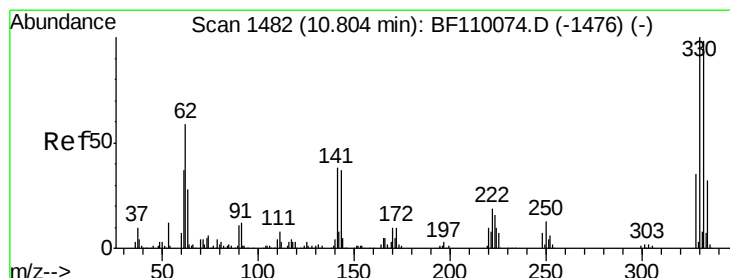
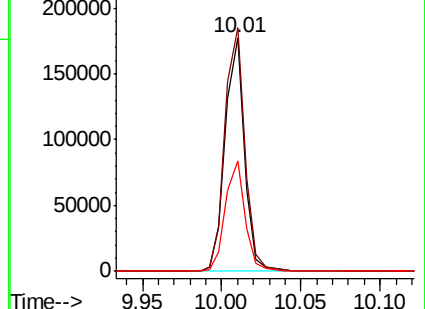
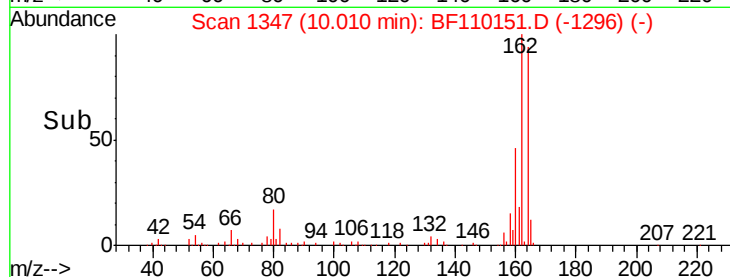
160 47.2 37.0 55.6



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: 91.722 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF110151.D

Acq: 25 Oct 2018 8:42

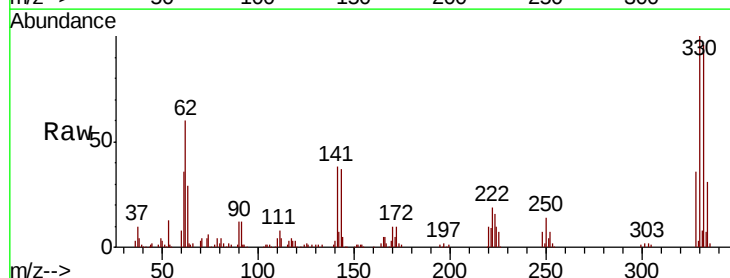
Tgt Ion:330 Resp: 136371

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

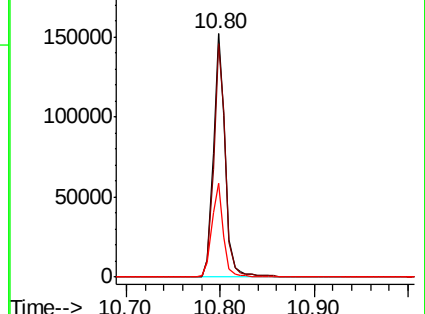
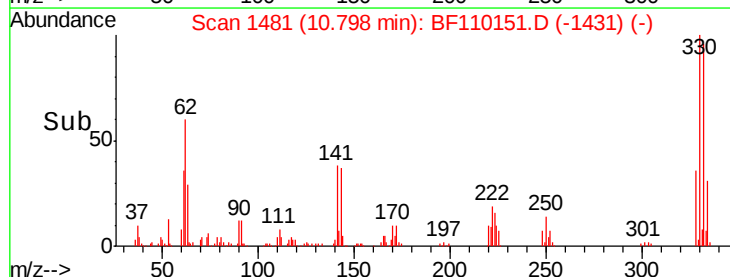
141 37.4 27.0 40.4



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

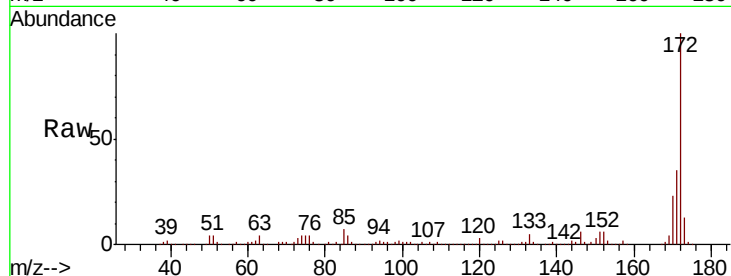




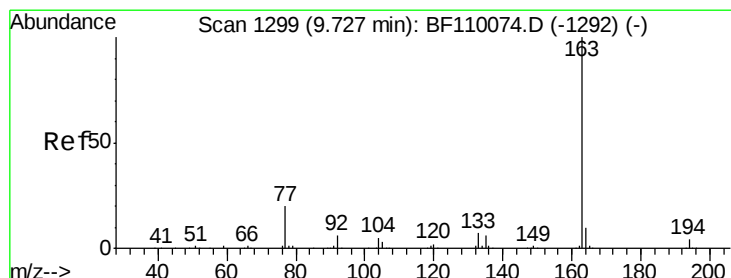
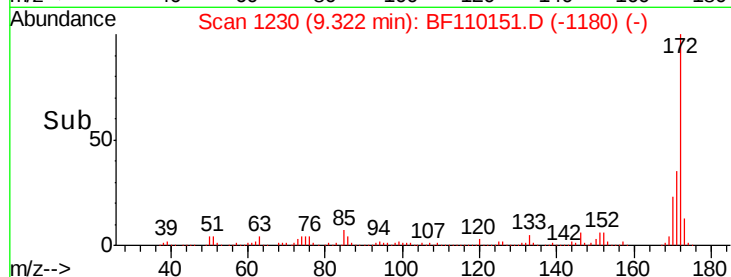
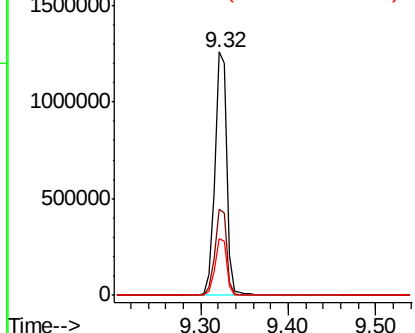
#45
2-Fluorobiphenyl
Concen: 124.819 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BF110151.D
Acq: 25 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1193093
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.4 19.7 29.5

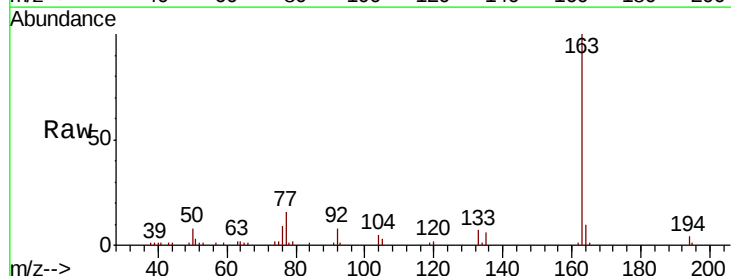


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

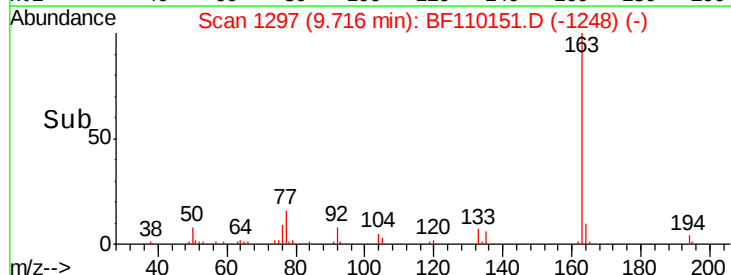
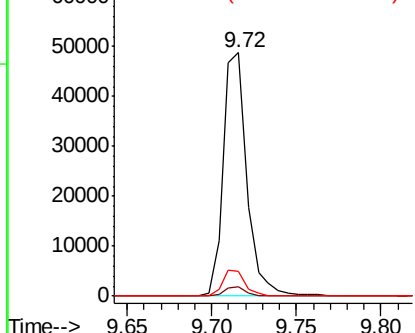


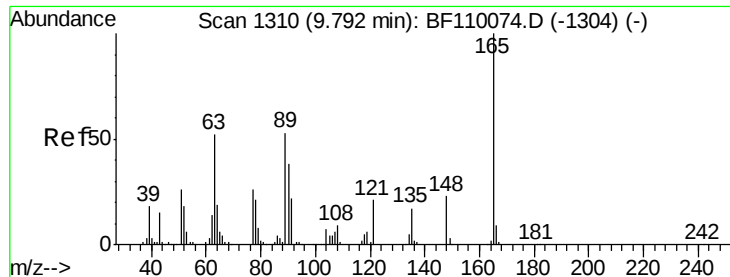
#50
Dimethylphthalate
Concen: 4.305 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110151.D
Acq: 25 Oct 2018 8:42

Tgt Ion:163 Resp: 47702
Ion Ratio Lower Upper
163 100
194 3.9 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

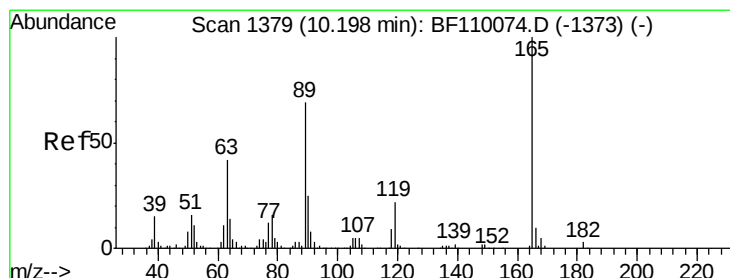
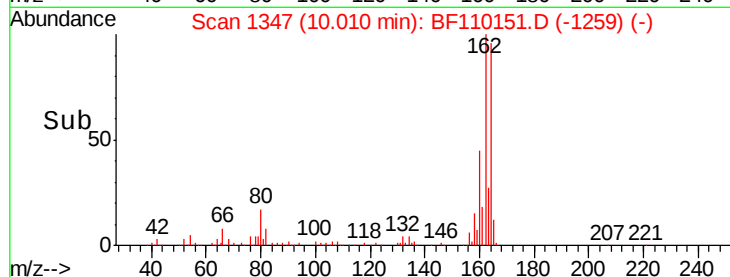
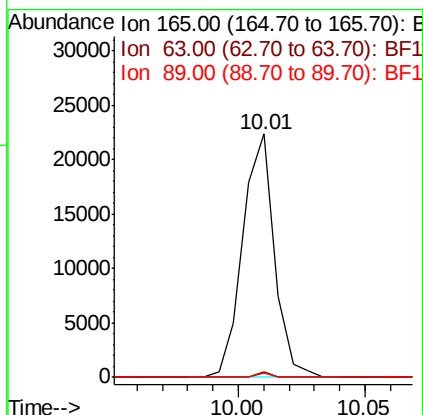
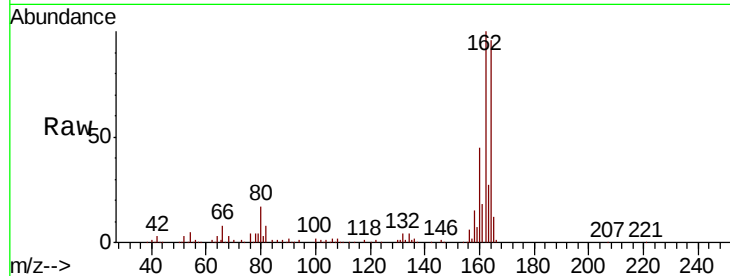




#51
2,6-Dinitrotoluene
Concen: 8.133 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF110151.D
Acq: 25 Oct 2018 8:42

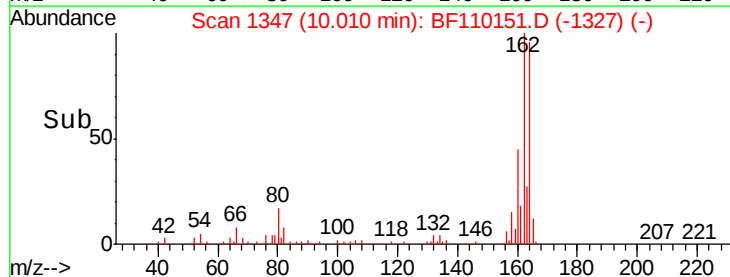
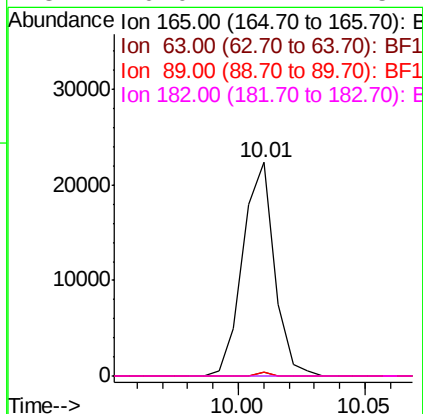
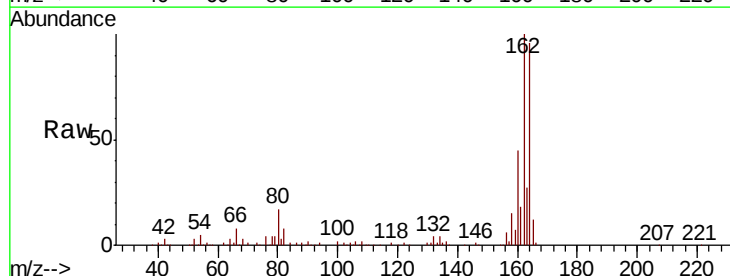
Instrument :
BNA_F
ClientSampleId :

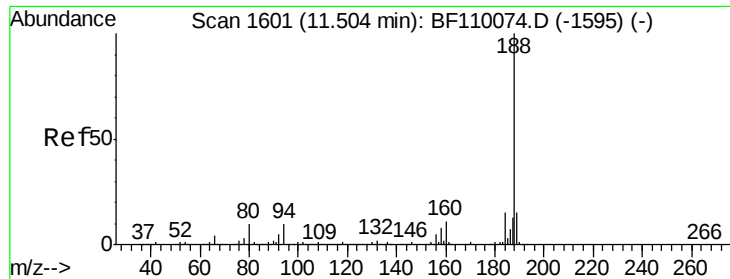
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	48.9	73.3#
89	1.6	46.6	69.8#



#57
2,4-Dinitrotoluene
Concen: 6.403 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.18 min
Lab File: BF110151.D
Acq: 25 Oct 2018 8:42

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

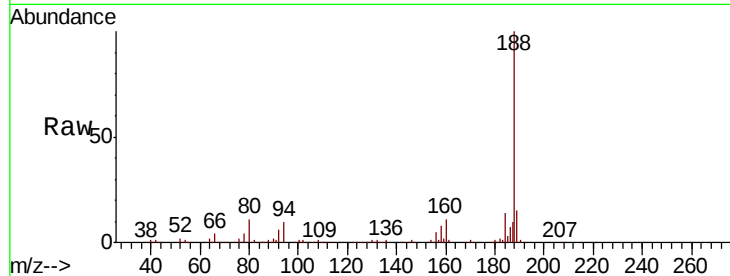




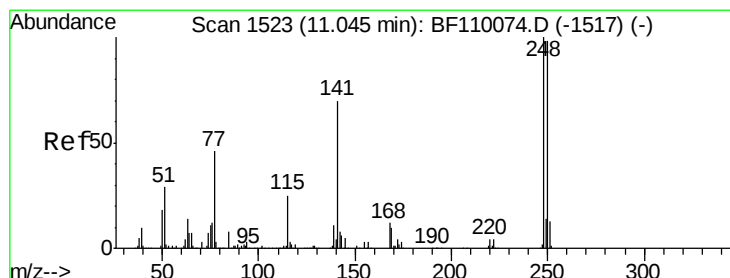
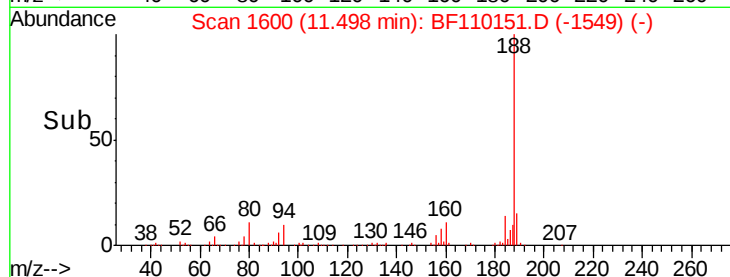
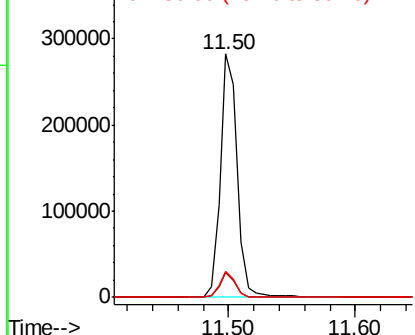
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF110151.D
Acq: 25 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 262386
Ion Ratio Lower Upper
188 100
94 10.0 7.2 10.8
80 10.9 7.9 11.9

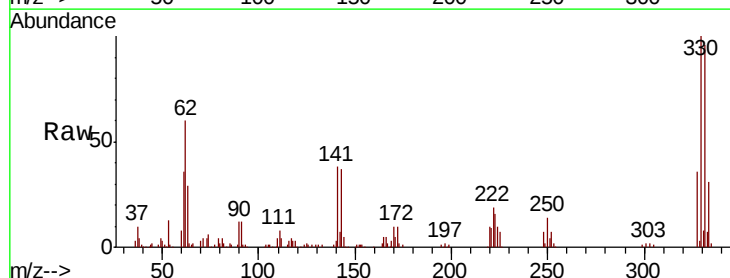


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

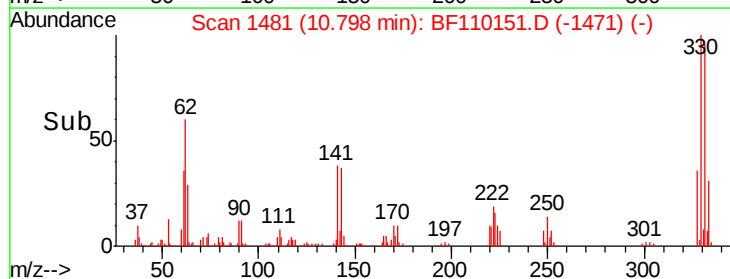
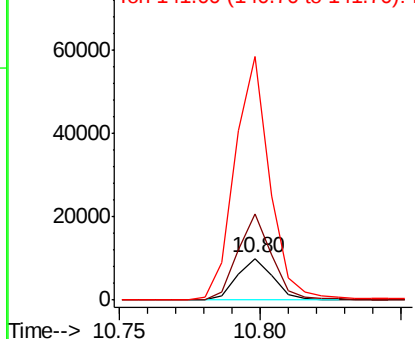


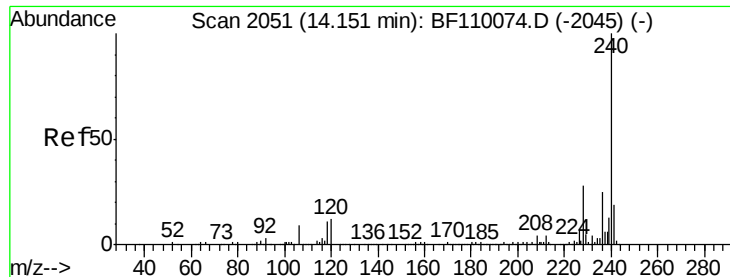
#67
4-Bromophenyl-phenylether
Concen: 3.082 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.24 min
Lab File: BF110151.D
Acq: 25 Oct 2018 8:42

Tgt Ion:248 Resp: 8772
Ion Ratio Lower Upper
248 100
250 207.1 79.4 119.2#
141 584.3 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

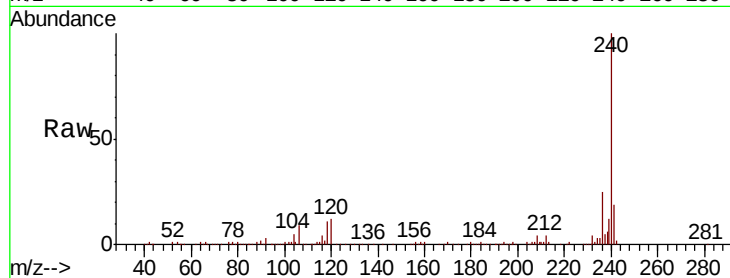




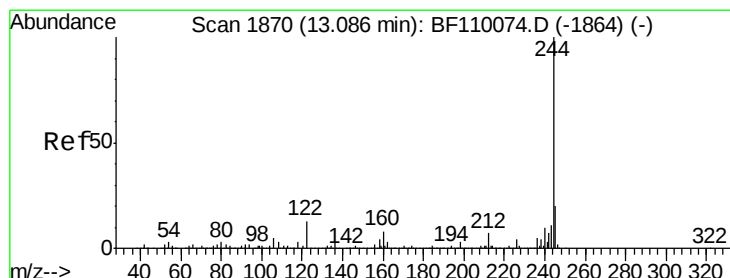
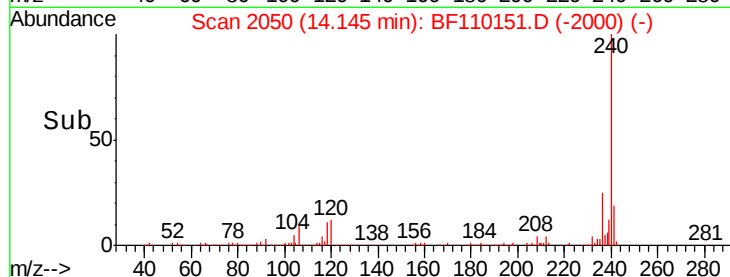
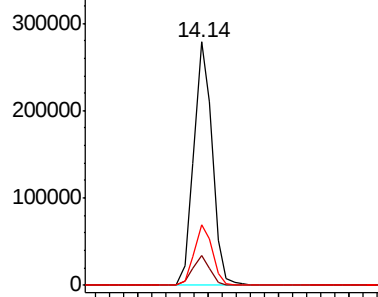
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF110151.D
Acq: 25 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.3	12.5
236	24.9	21.2	31.8

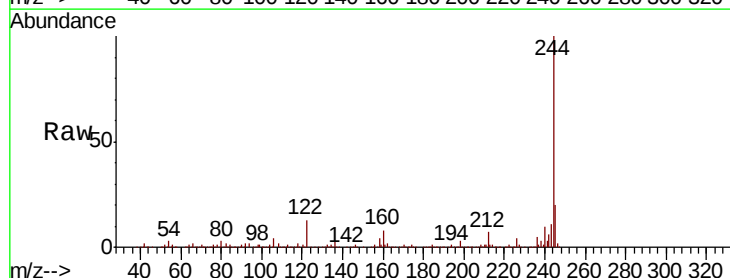


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

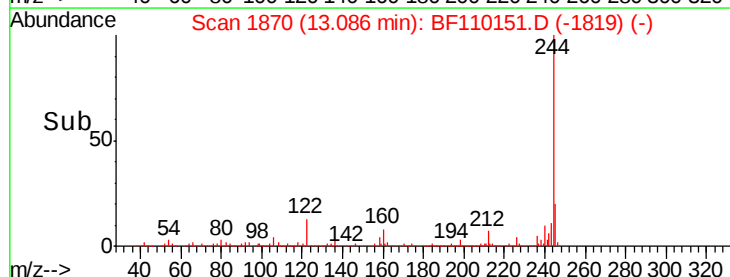
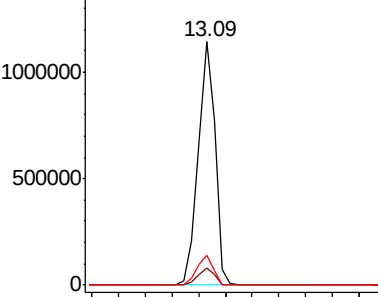


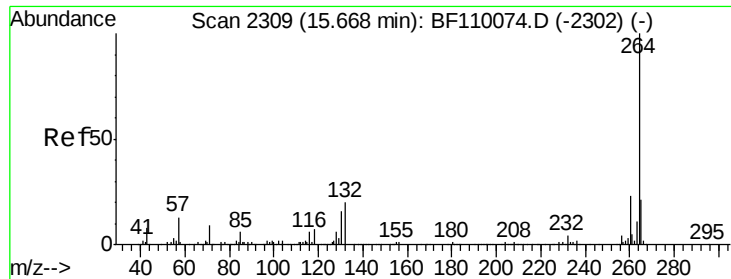
#79
Terphenyl-d14
Concen: 84.072 ng
RT: 13.09 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BF110151.D
Acq: 25 Oct 2018 8:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	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
Pervlene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2310
Delta R.T. 0.01 min
Lab File: BF110151.D
Acq: 25 Oct 2018 8:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.7	28.1
265	20.9	16.7	25.1

