

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110460.D
 Acq On : 5 Nov 2018 13:07
 Operator : JU/SJ
 Sample : J5745-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 16:43:03 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

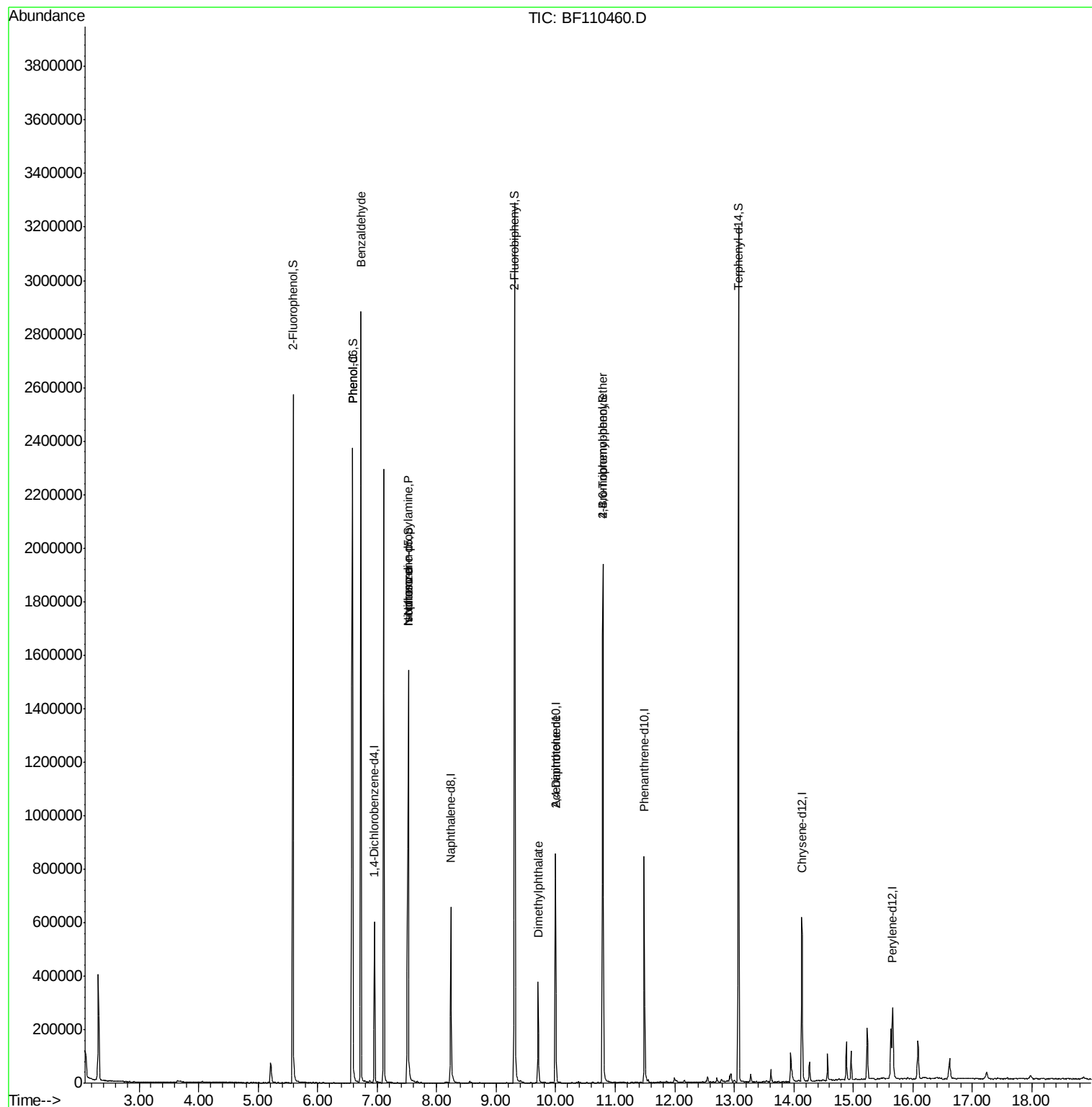
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	90200	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	377287	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	188396	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	364979	20.00	ng	0.00
76) Chrysene-d12	14.13	240	235258	20.00	ng	0.00
87) Perylene-d12	15.66	264	155690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	737471	133.14	ng	0.01
7) Phenol-d6	6.59	99	949652	134.04	ng	0.00
23) Nitrobenzene-d5	7.52	82	610339	95.95	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	243582	130.52	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	1114178	92.87	ng	0.00
79) Terphenyl-d14	13.07	244	1089062	96.27	ng	0.00
Target Compounds						
9) Benzaldehyde	6.73	77	18378	2.874	ng	84
10) Phenol	6.59	94	41330	5.457	ng	# 77
19) n-Nitroso-di-n-propylamine	7.52	70	79902	17.579	ng	# 79
25) Isophorone	7.52	82	610336	56.289	ng	# 67
50) Dimethylphthalate	9.70	163	187075	13.452	ng	99
57) 2,4-Dinitrotoluene	9.99	165	23177	6.091	ng	# 18
67) 4-Bromophenyl-phenylether	10.79	248	15720	3.971	ng	# 1

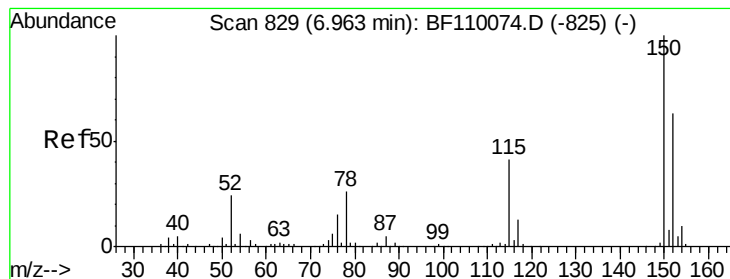
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
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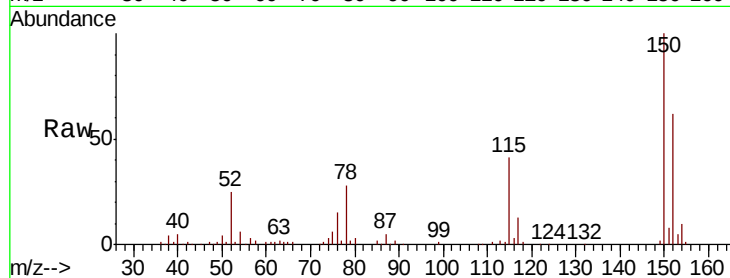


#1

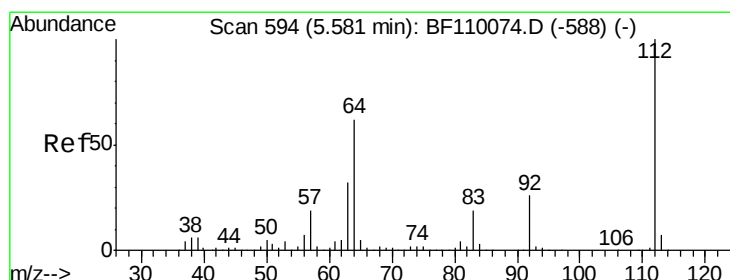
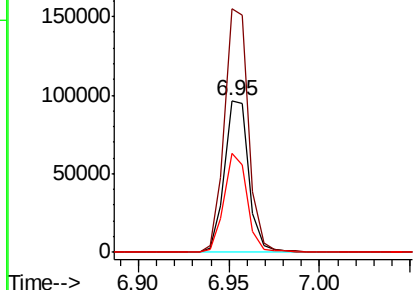
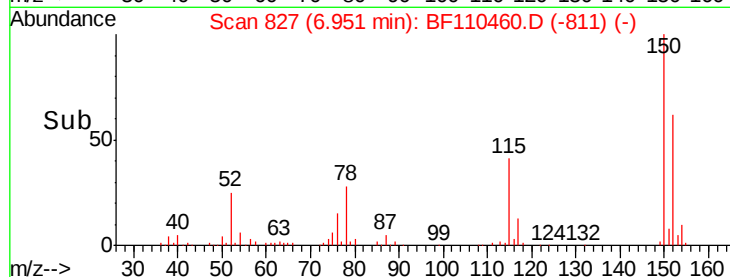
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BF110460.D
Acq: 5 Nov 2018 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90200
Ion Ratio Lower Upper
152 100
150 160.2 122.7 184.1
115 65.3 49.1 73.7



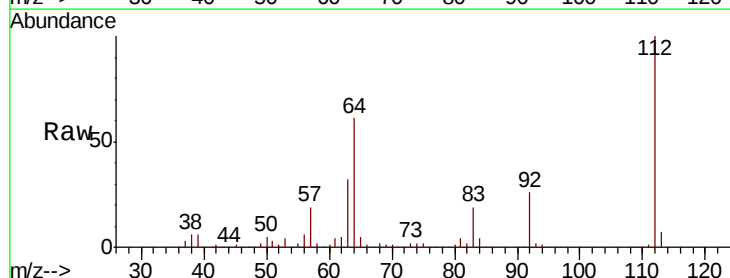
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



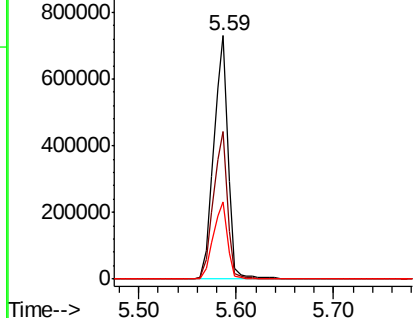
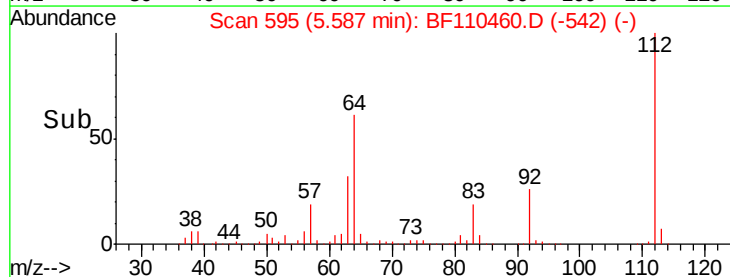
#5

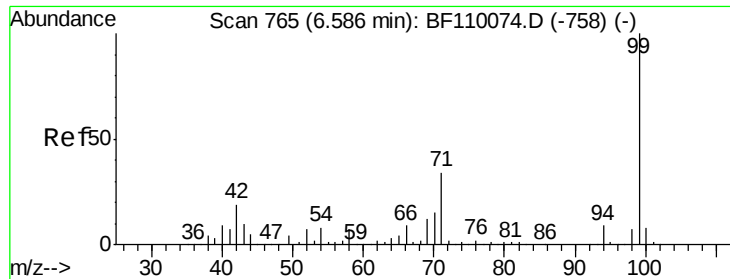
2-Fluorophenol
Concen: 133.141 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF110460.D
Acq: 5 Nov 2018 13:07

Tgt Ion:112 Resp: 737471
Ion Ratio Lower Upper
112 100
64 60.8 44.1 66.1
63 31.9 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: 134.041 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF110460.D

Acq: 5 Nov 2018 13:07

Instrument :

BNA_F

ClientSampled :

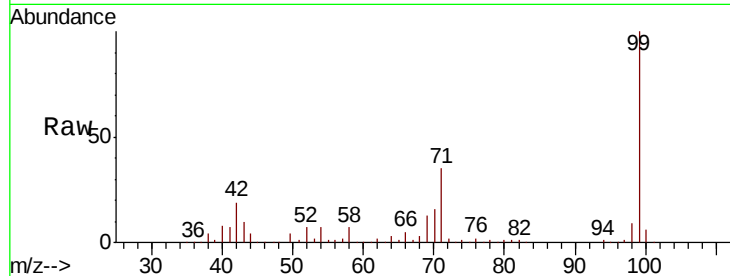
Tot Ion: 99 Resp: 949652

Ion Ratio Lower Upper

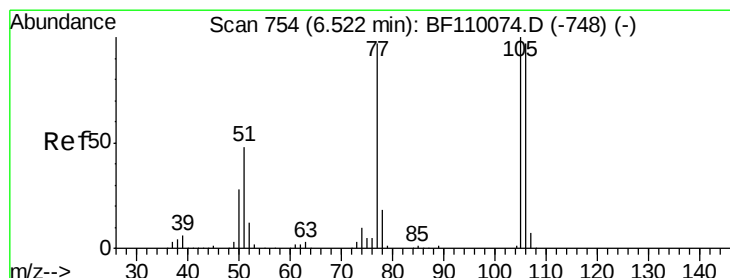
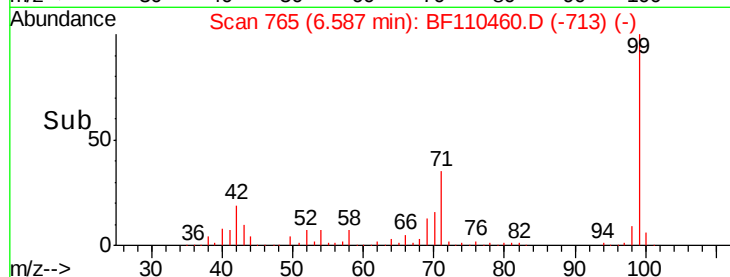
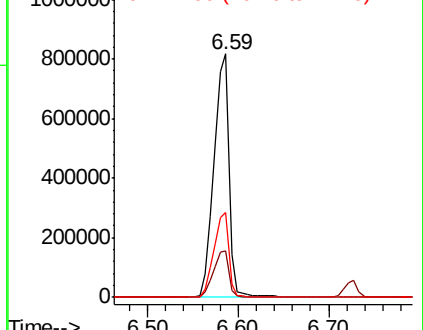
99 100

42 19.0 15.8 23.6

71 35.0 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



#9

Benzaldehyde

Concen: 2.874 ng

RT: 6.73 min Scan# 789

Delta R.T. 0.22 min

Lab File: BF110460.D

Acq: 5 Nov 2018 13:07

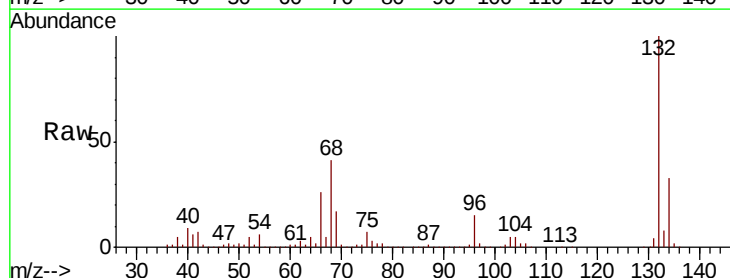
Tgt Ion: 77 Resp: 18378

Ion Ratio Lower Upper

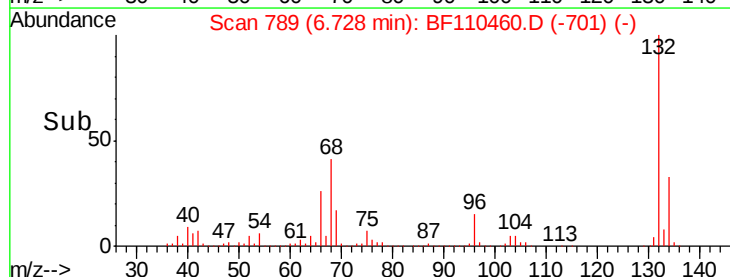
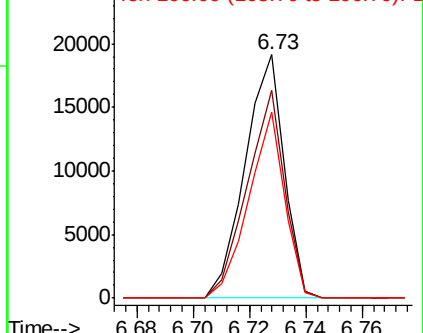
77 100

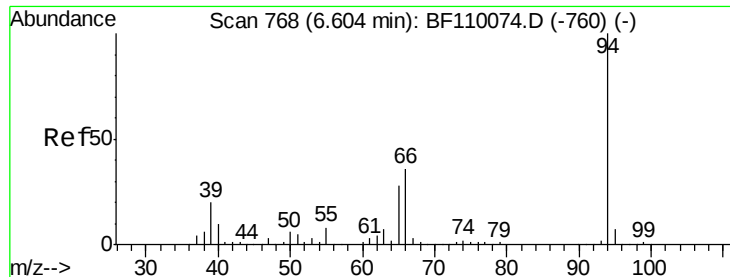
105 85.1 78.6 118.6

106 76.3 74.8 114.8



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

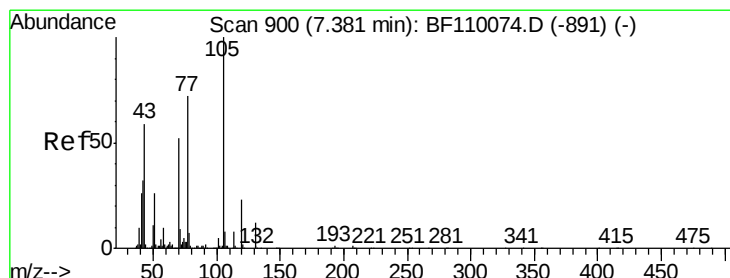
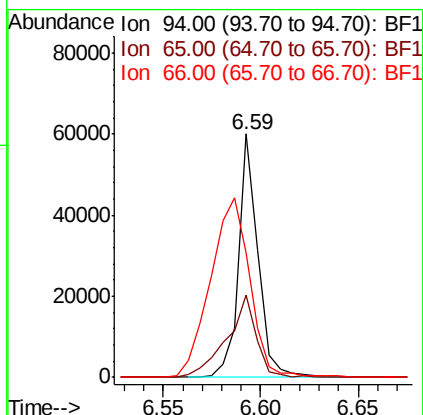
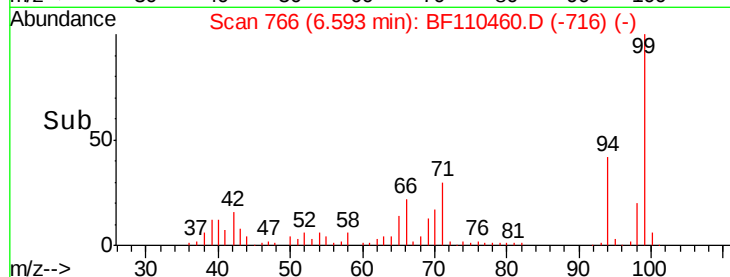
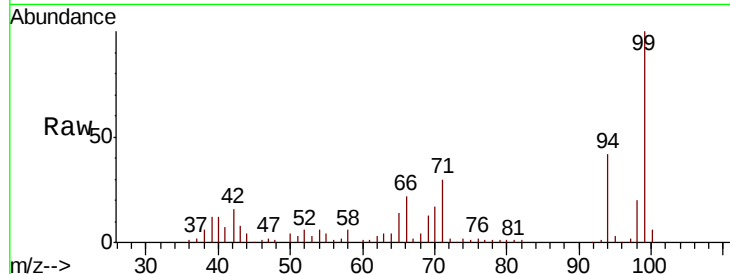




#10
Phenol
Concen: 5.457 ng
RT: 6.59 min Scan# 766
Delta R.T. -0.01 min
Lab File: BF110460.D
Acq: 5 Nov 2018 13:07

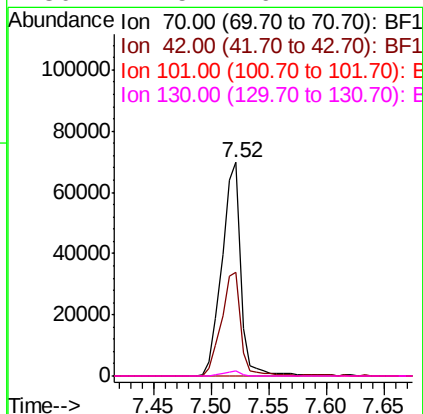
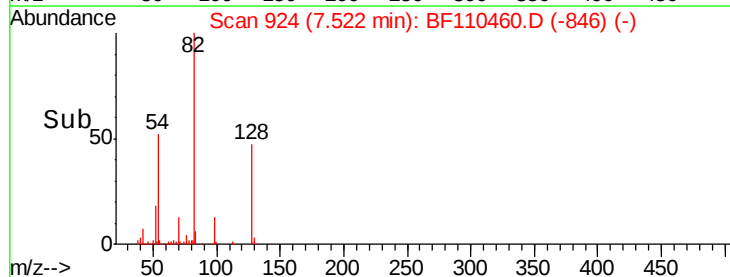
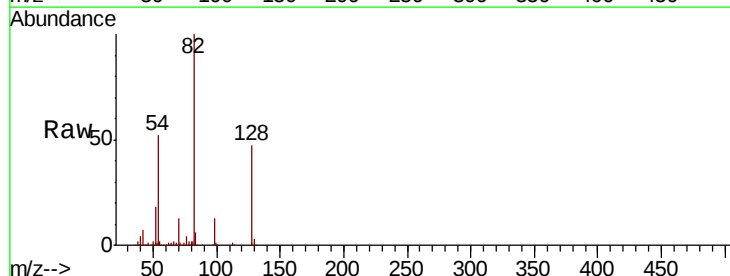
Instrument :
BNA_F
ClientSampleId :

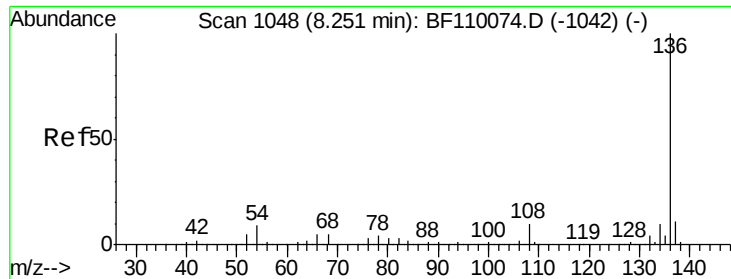
Tot Ion: 94 Resp: 41330
Ion Ratio Lower Upper
94 100
65 34.1 25.3 65.3
66 51.4 54.5 94.5#



#19
n-Nitroso-di-n-propylamine
Concen: 17.579 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110460.D
Acq: 5 Nov 2018 13:07

Tgt Ion: 70 Resp: 79902
Ion Ratio Lower Upper
70 100
42 48.8 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#

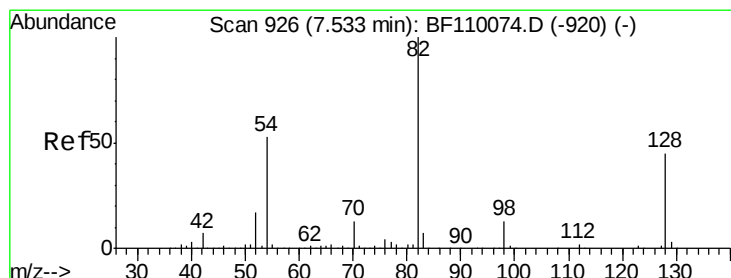
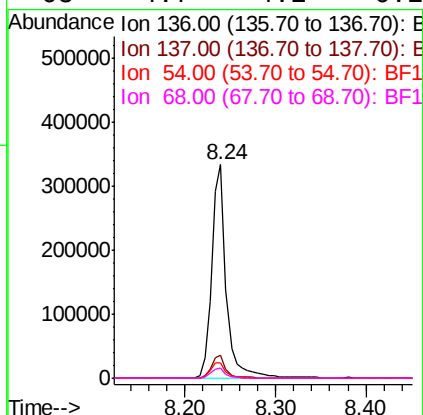
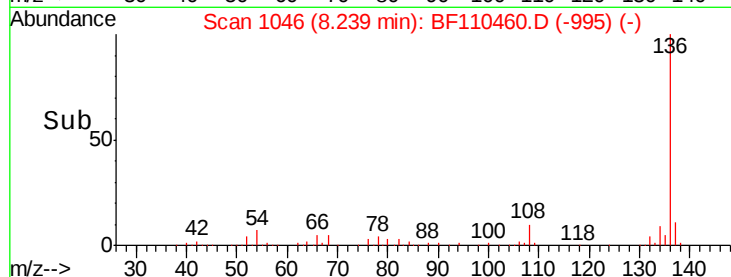
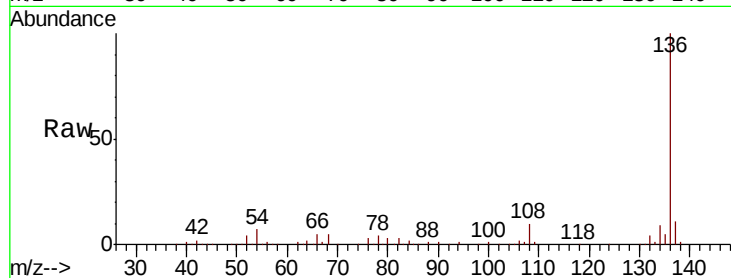




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110460.D
Acq: 5 Nov 2018 13:07

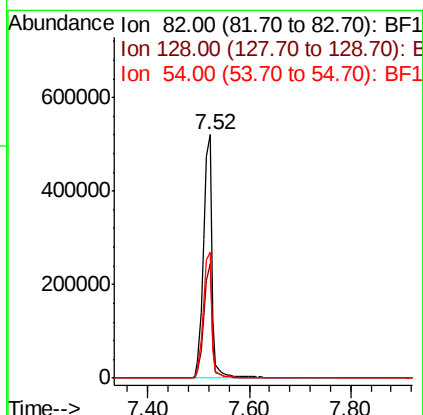
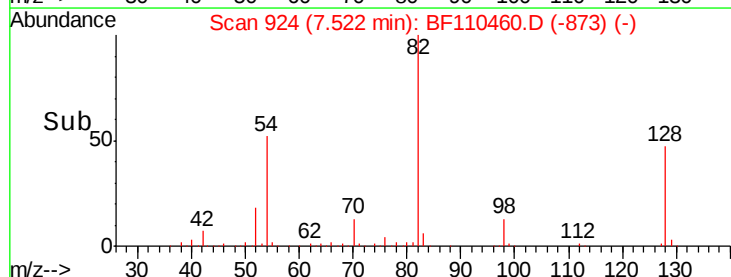
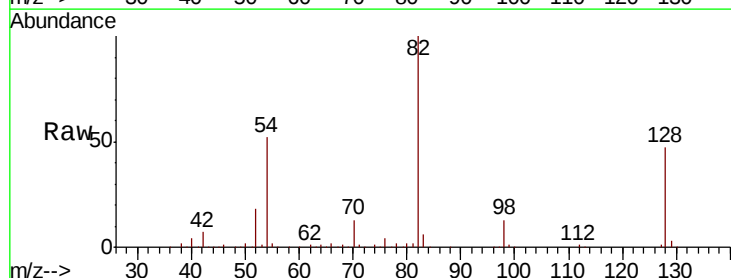
Instrument :
BNA_F
ClientSampleId :

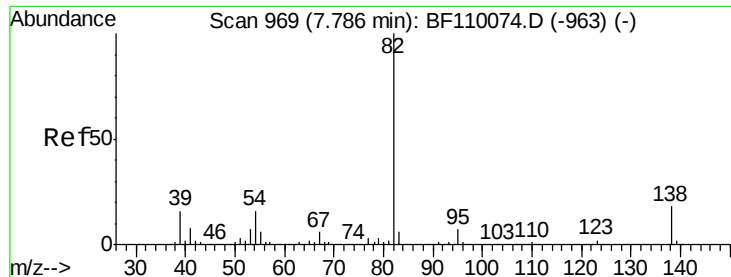
Tot Ion:136 Resp: 377287
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.3 5.4 8.2
68 4.7 4.2 6.2



#23
Nitrobenzene-d5
Concen: 95.951 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110460.D
Acq: 5 Nov 2018 13:07

Tgt Ion: 82 Resp: 610339
Ion Ratio Lower Upper
82 100
128 47.0 34.2 51.2
54 51.9 38.6 58.0

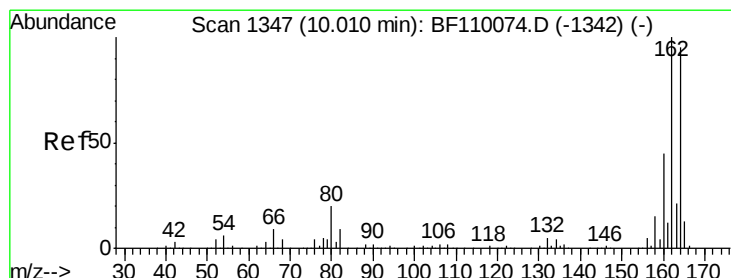
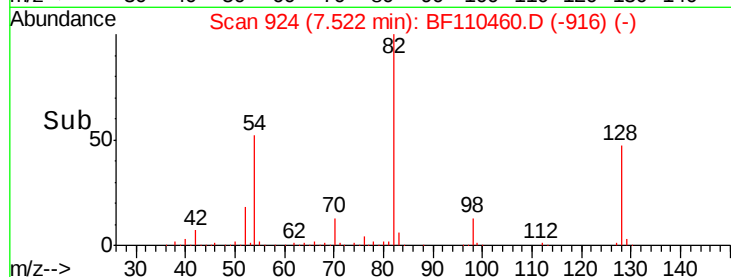
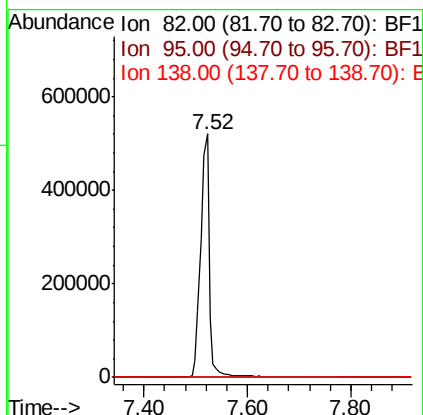
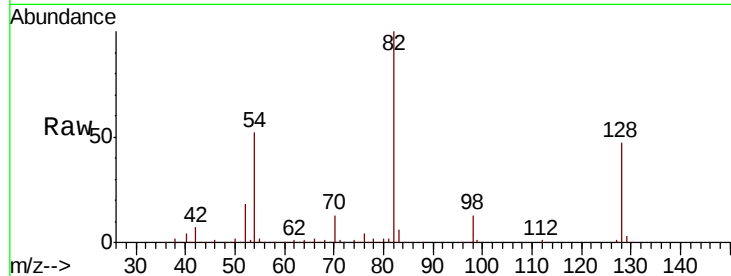




#25
Isophorone
Concen: 56.289 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110460.D
Acq: 5 Nov 2018 13:07

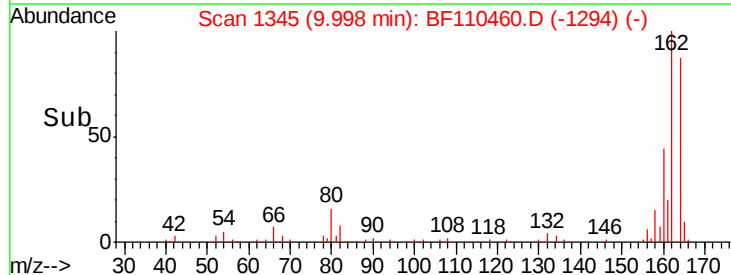
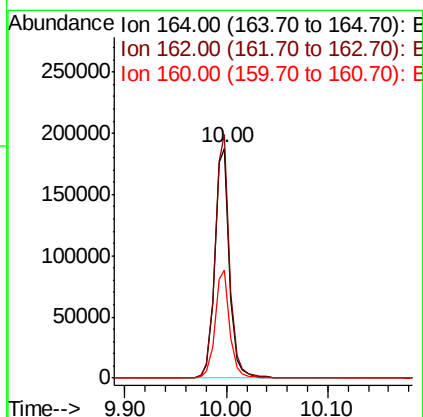
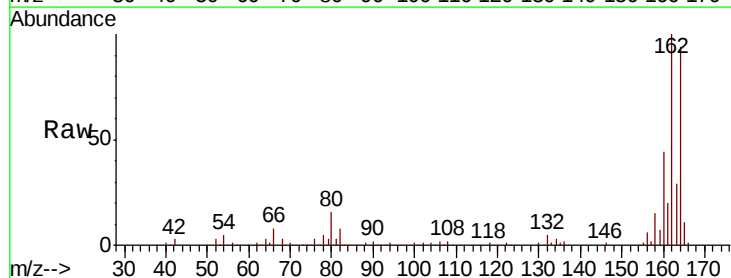
Instrument :
BNA_F
ClientSampleId :

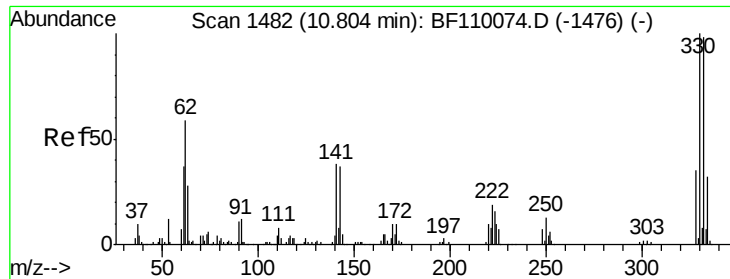
Tot Ion: 82 Resp: 610336
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF110460.D
Acq: 5 Nov 2018 13:07

Tgt Ion: 164 Resp: 188396
Ion Ratio Lower Upper
164 100
162 106.1 83.0 124.6
160 47.1 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 130.524 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BF110460.D

Acq: 5 Nov 2018 13:07

Instrument :

BNA_F

ClientSampleId :

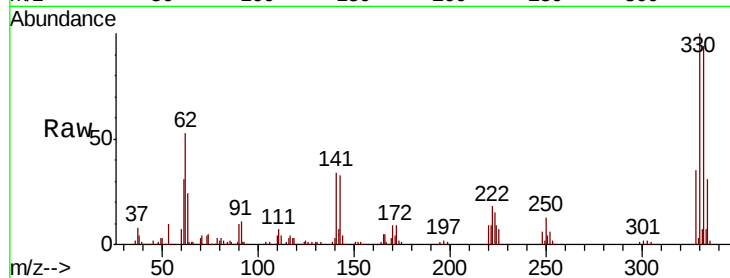
Tot Ion:330 Resp: 243582

Ion Ratio Lower Upper

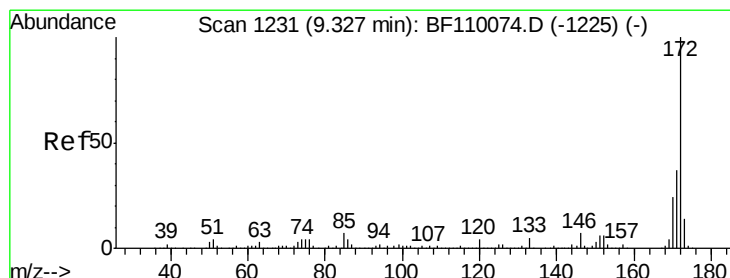
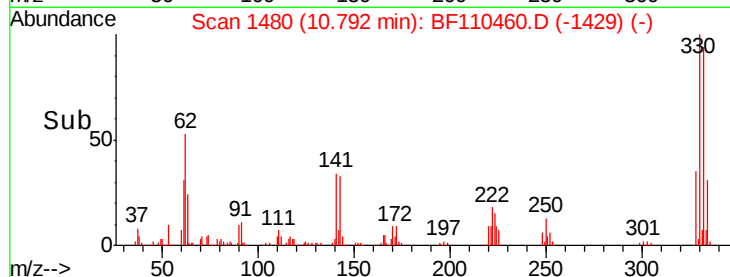
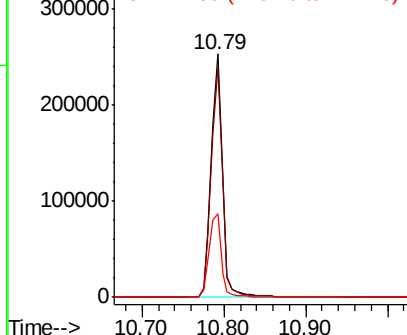
330 100

332 95.3 77.1 115.7

141 37.3 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: 92.865 ng

RT: 9.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF110460.D

Acq: 5 Nov 2018 13:07

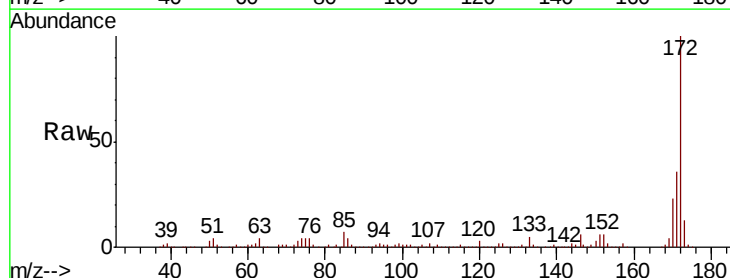
Tgt Ion:172 Resp: 1114178

Ion Ratio Lower Upper

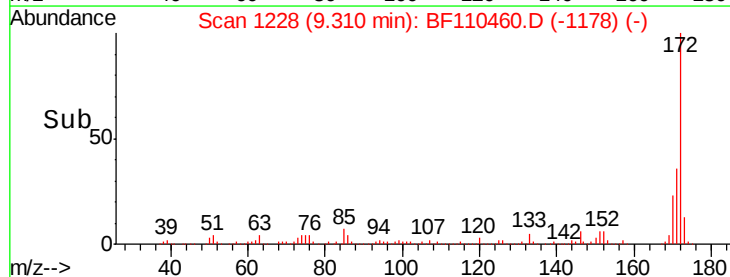
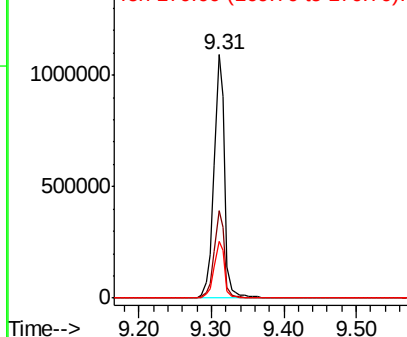
172 100

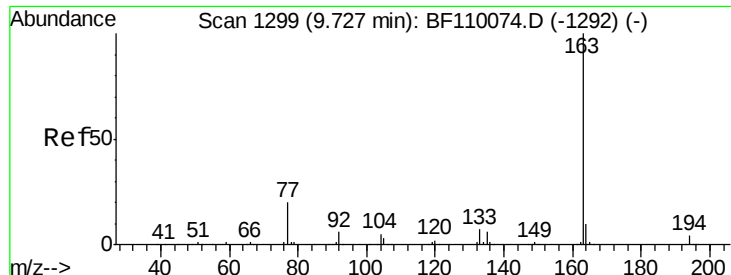
171 35.9 28.6 43.0

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

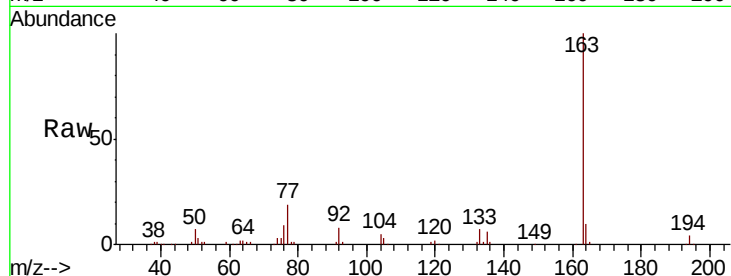




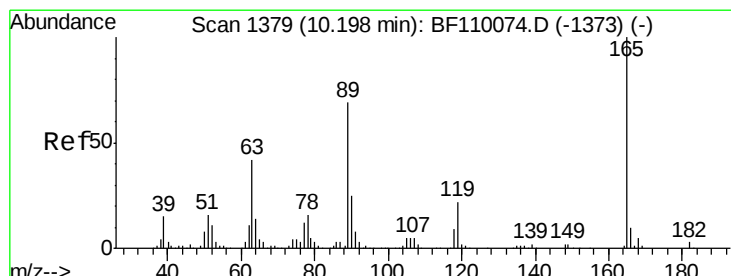
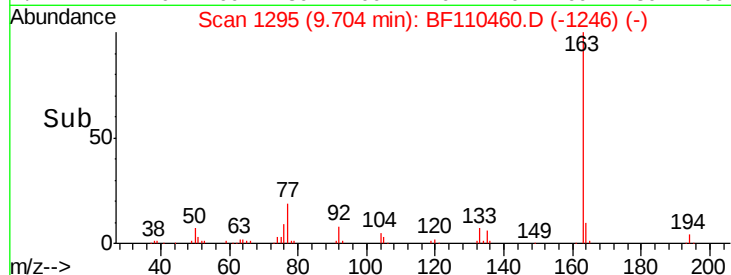
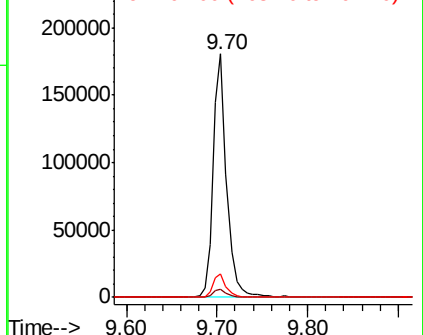
#50
Dimethylphthalate
Concen: 13.452 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF110460.D
Acq: 5 Nov 2018 13:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	9.6	8.1	12.1



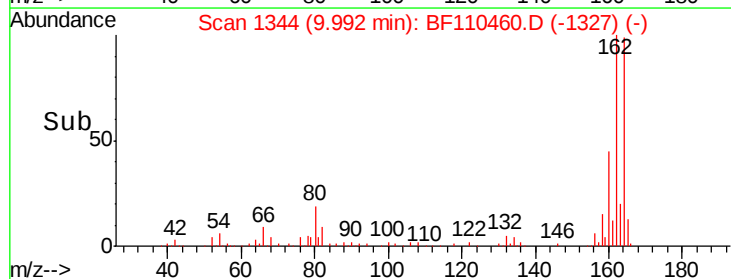
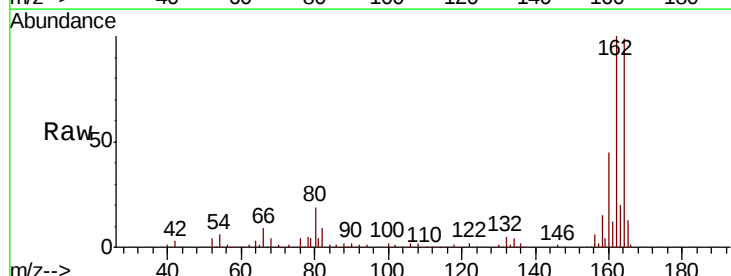
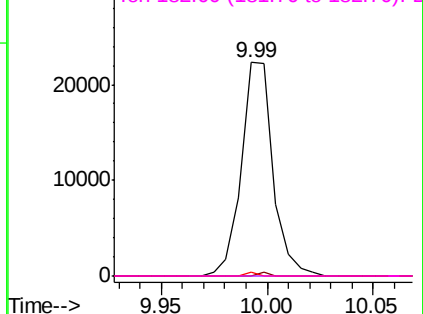
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

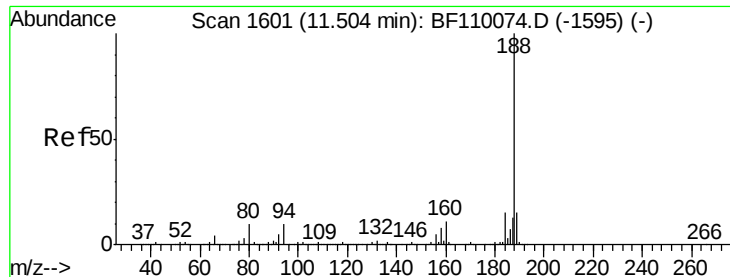


#57
2,4-Dinitrotoluene
Concen: 6.091 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.20 min
Lab File: BF110460.D
Acq: 5 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.7	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: BF110460.D

Acq: 5 Nov 2018 13:07

Instrument :

BNA_F

ClientSampleId :

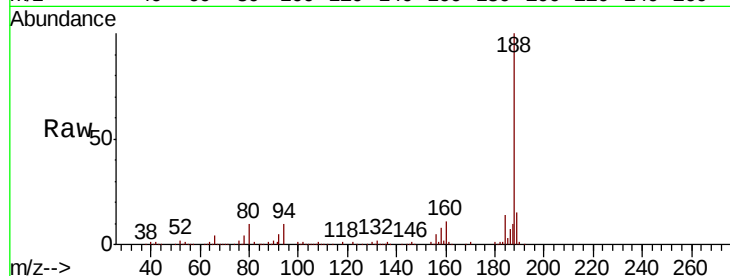
Tot Ion:188 Resp: 364979

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

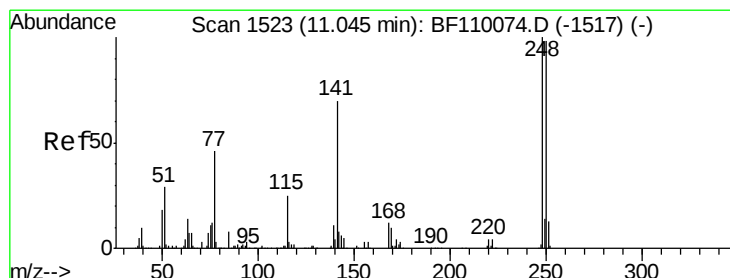
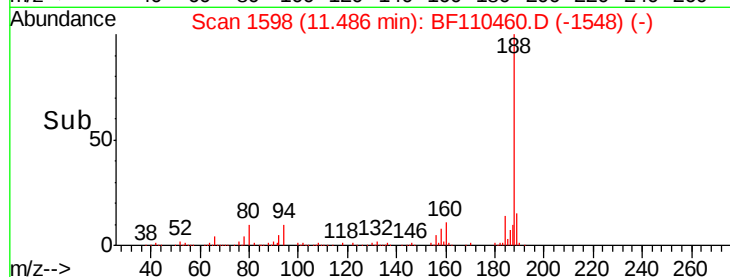
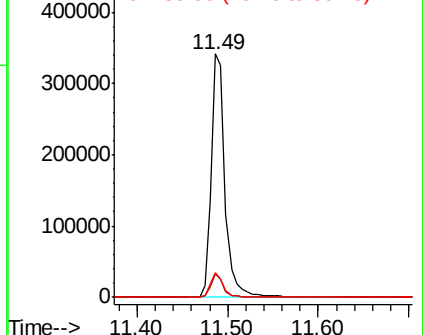
80 10.2 7.9 11.9



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: 3.971 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.24 min

Lab File: BF110460.D

Acq: 5 Nov 2018 13:07

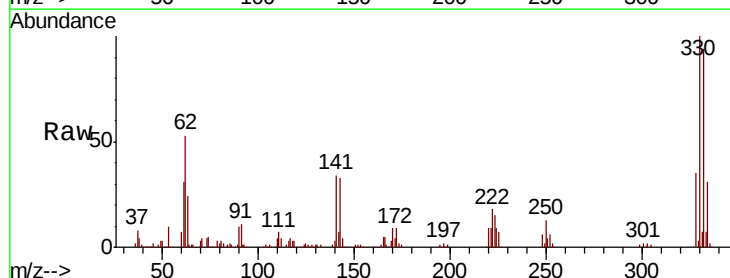
Tgt Ion:248 Resp: 15720

Ion Ratio Lower Upper

248 100

250 194.7 79.4 119.2#

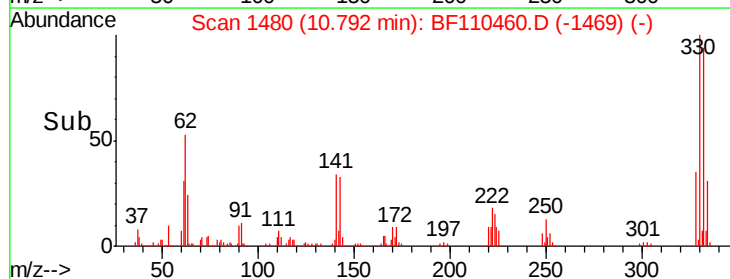
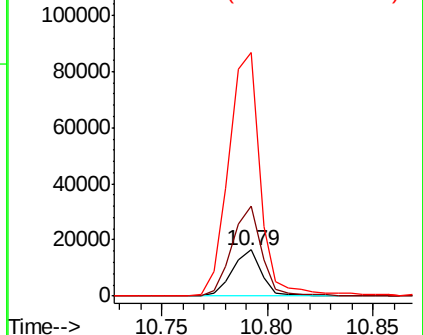
141 529.3 55.9 83.9#

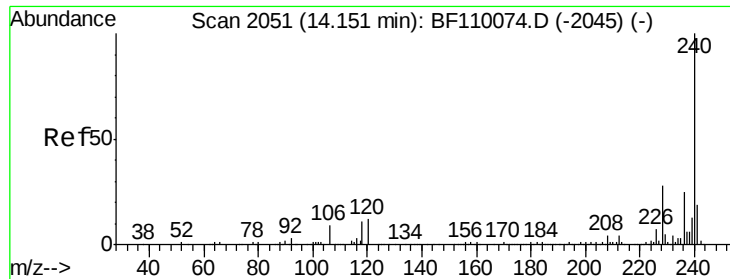


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

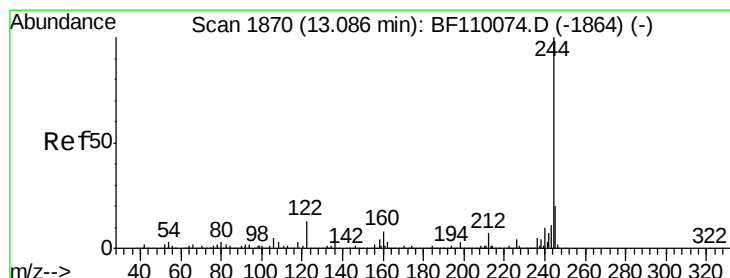
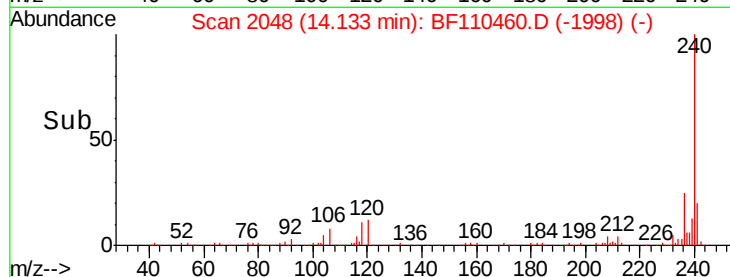
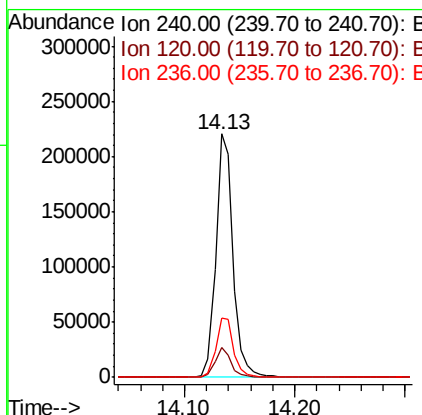
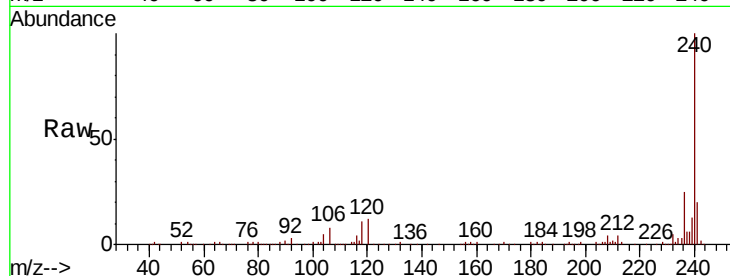




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110460.D
 Acq: 5 Nov 2018 13:07

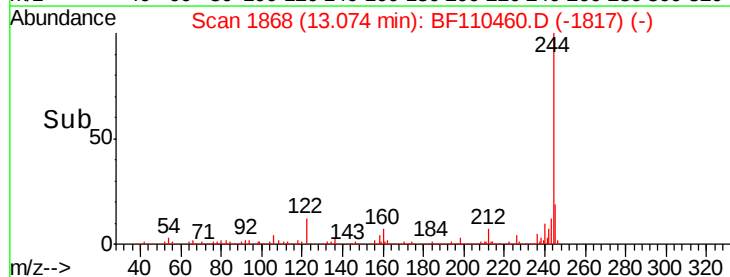
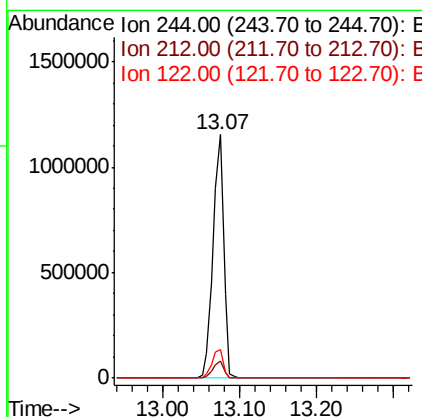
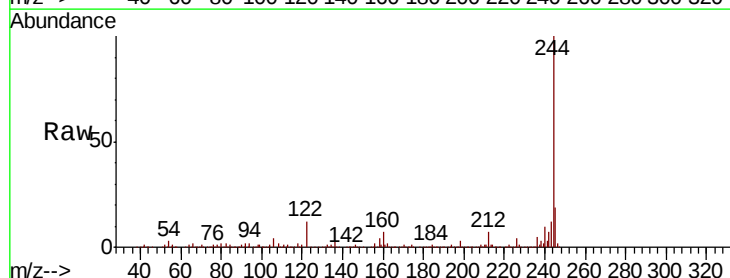
Instrument :
 BNA_F
 ClientSampleID :

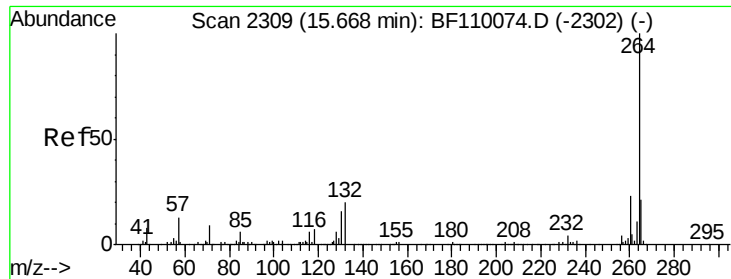
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.3	12.5
236	24.6	21.2	31.8



#79
 Terphenyl-d14
 Concen: 96.274 ng
 RT: 13.07 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: BF110460.D
 Acq: 5 Nov 2018 13:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.0	8.7	13.1





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110460.D
 Acq: 5 Nov 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 155690
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.7 28.1
 265 21.7 16.7 25.1

