

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108721.D
 Acq On : 1 Sep 2018 6:29
 Operator : JU/SJ
 Sample : J4729-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 06:52:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	74407	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	285045	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	129584	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	272550	20.00	ng	0.00
75) Chrysene-d12	14.19	240	256455	20.00	ng	0.00
86) Perylene-d12	15.75	264	168651	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	80409	18.77	ng	0.02
7) Phenol-d6	6.66	99	133444	21.75	ng	0.01
23) Nitrobenzene-d5	7.57	82	592566	105.52	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	139987	81.83	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1117413	115.94	ng	0.00
78) Terphenyl-d14	13.12	244	1103544	83.61	ng	-0.01

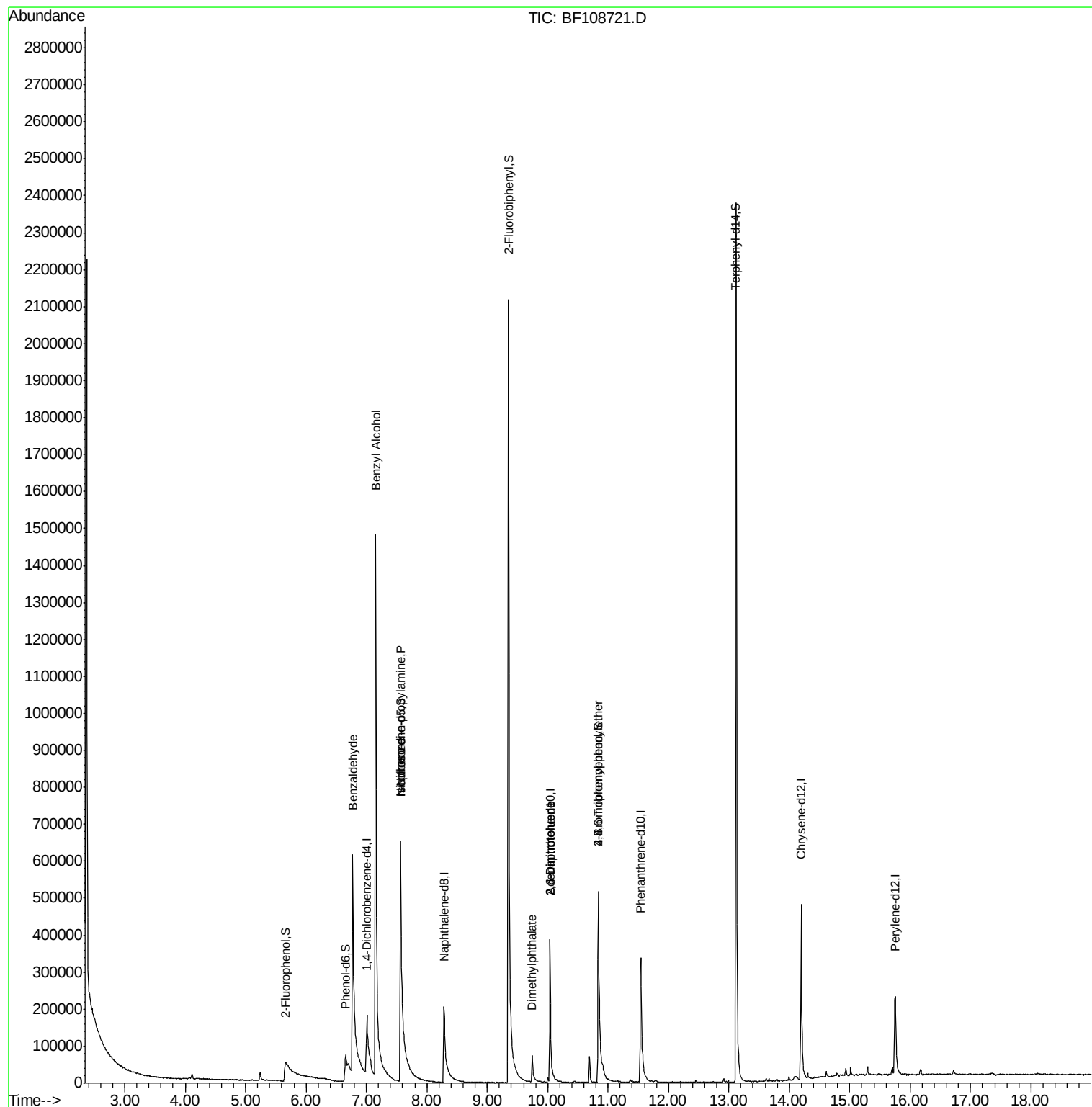
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.77	77	7935	2.093	ng	# 75
15) Benzyl Alcohol	7.15	79	10289	2.332	ng	# 51
19) n-Nitroso-di-n-propylamine	7.57	70	67540	16.440	ng	# 83
25) Isophorone	7.57	82	608880	65.270	ng	# 64
49) Dimethylphthalate	9.75	163	66036	6.471	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	15345	6.822	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	15766	5.294	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	8127	2.426	ng	# 1

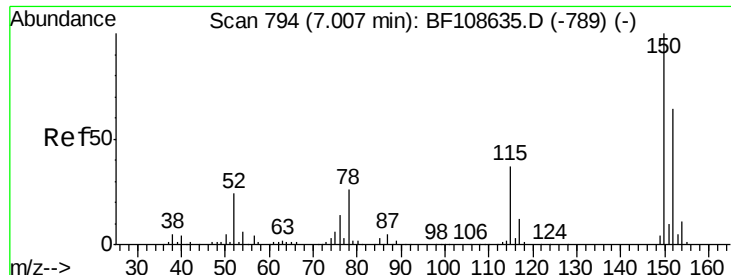
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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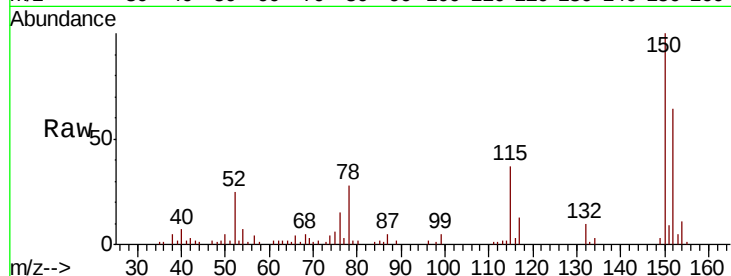


#1

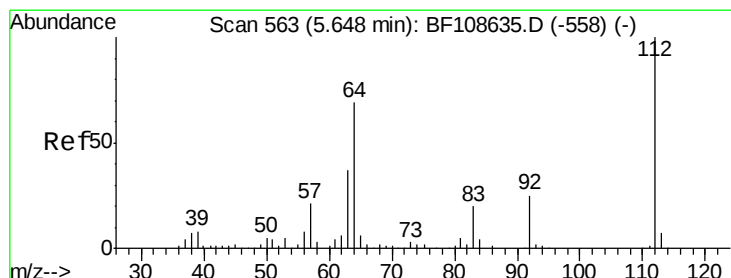
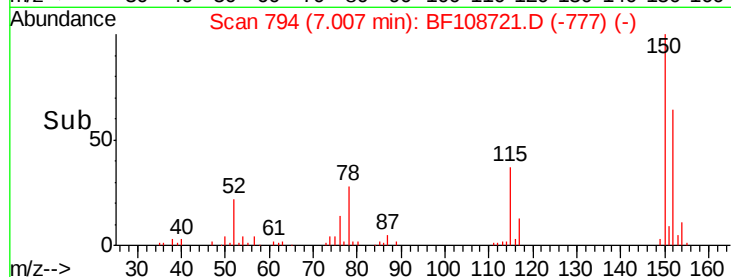
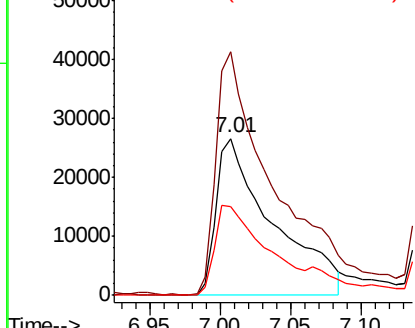
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF108721.D
Acq: 1 Sep 2018 6:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 74407
Ion Ratio Lower Upper
152 100
150 155.5 124.6 186.8
115 57.1 50.1 75.1



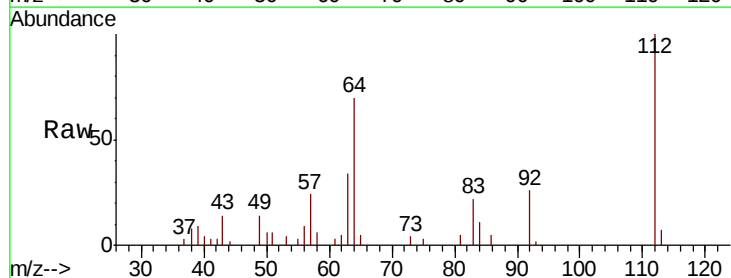
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



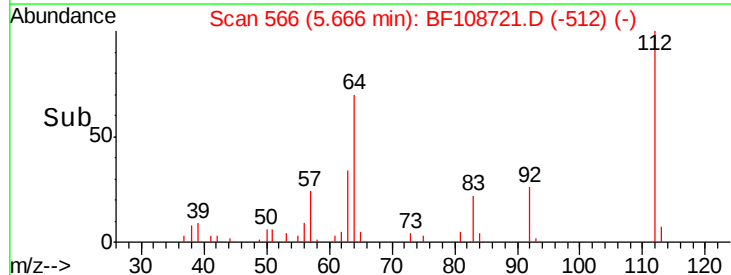
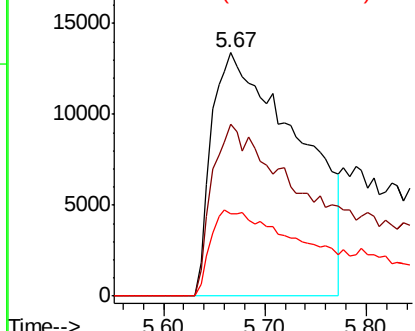
#5

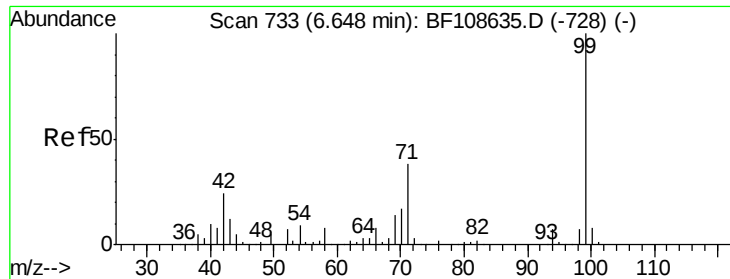
2-Fluorophenol
Concen: 18.773 ng
RT: 5.67 min Scan# 566
Delta R.T. 0.02 min
Lab File: BF108721.D
Acq: 1 Sep 2018 6:29

Tgt Ion:112 Resp: 80409
Ion Ratio Lower Upper
112 100
64 70.4 47.9 71.9
63 34.0 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: 21.753 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108721.D

Acq: 1 Sep 2018 6:29

Instrument :

BNA_F

ClientSampleId :

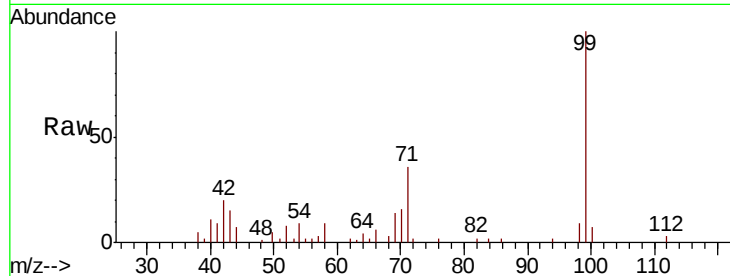
Tot Ion: 99 Resp: 133444

Ion Ratio Lower Upper

99 100

42 20.1 14.5 21.7

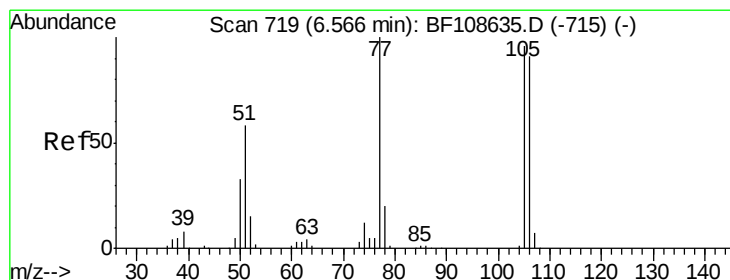
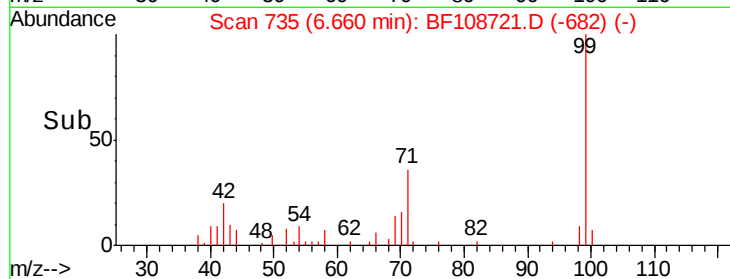
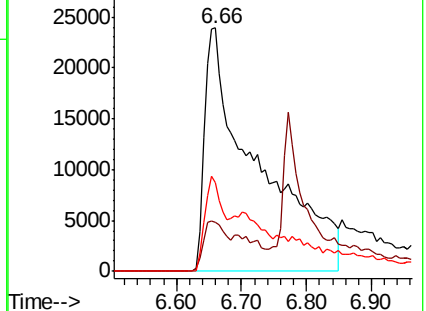
71 36.3 25.4 38.0



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: 2.093 ng

RT: 6.77 min Scan# 754

Delta R.T. 0.21 min

Lab File: BF108721.D

Acq: 1 Sep 2018 6:29

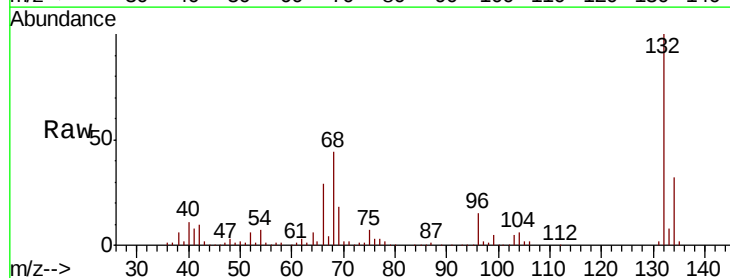
Tgt Ion: 77 Resp: 7935

Ion Ratio Lower Upper

77 100

105 75.8 81.1 121.1#

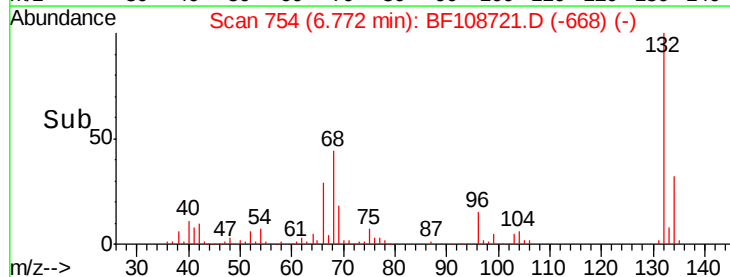
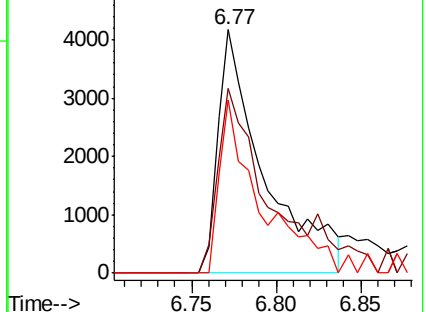
106 70.9 74.5 114.5#

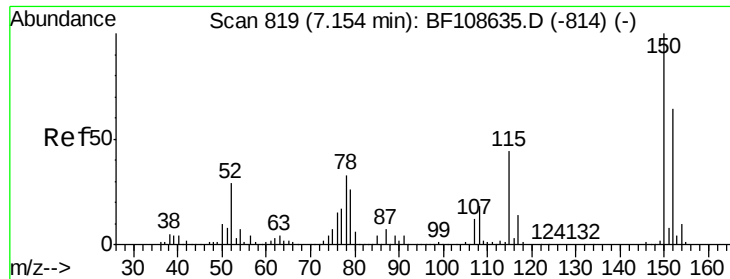


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

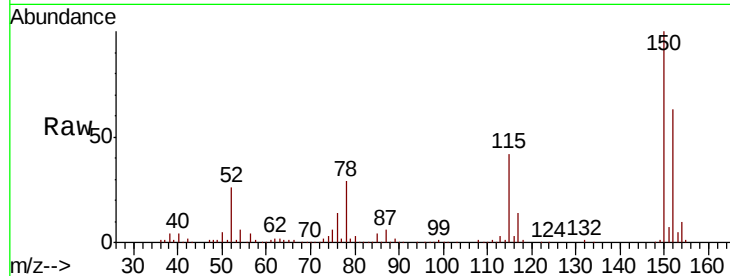




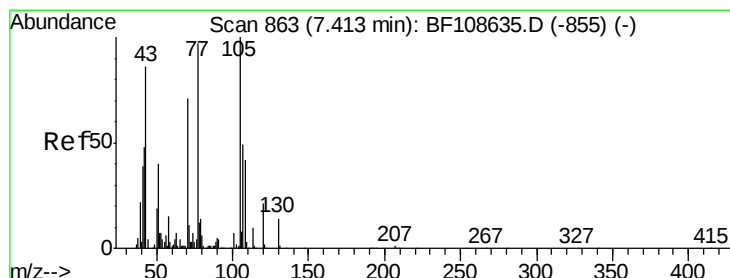
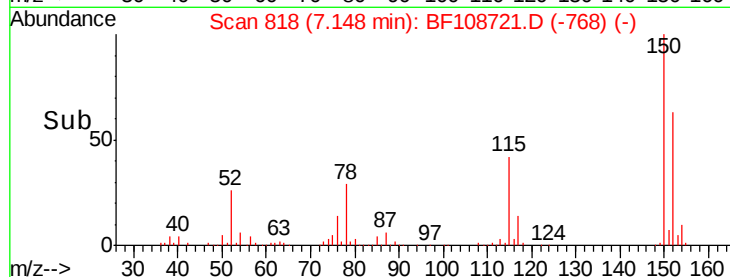
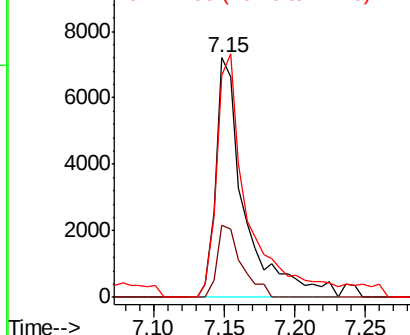
#15
Benzyl Alcohol
Concen: 2.332 ng
RT: 7.15 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF108721.D
Acq: 1 Sep 2018 6:29

Instrument :
BNA_F
ClientSampled :

Tot Ion: 79 Resp: 10289
Ion Ratio Lower Upper
79 100
108 29.8 65.1 97.7#
77 92.8 50.6 75.8#

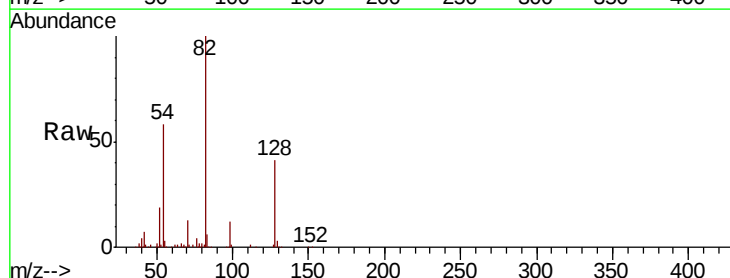


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

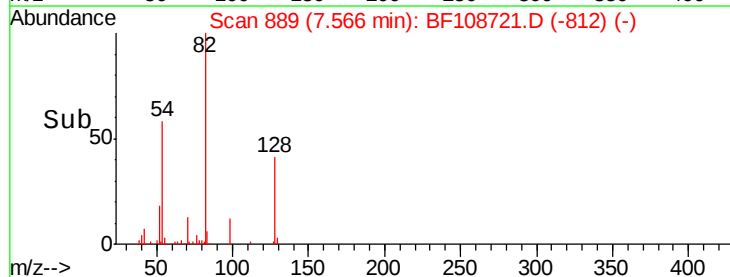
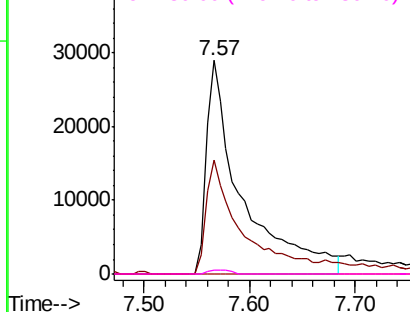


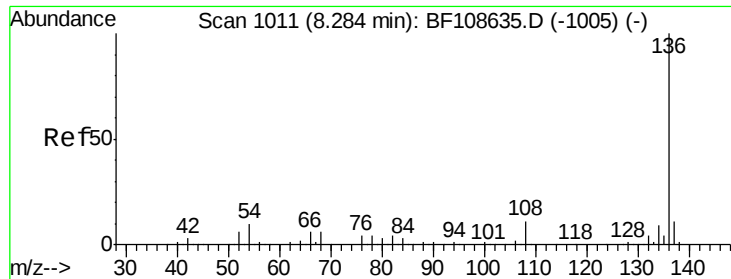
#19
n-Nitroso-di-n-propylamine
Concen: 16.440 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108721.D
Acq: 1 Sep 2018 6:29

Tgt Ion: 70 Resp: 67540
Ion Ratio Lower Upper
70 100
42 53.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



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): BF1
Ion 130.00 (129.70 to 130.70): BF1

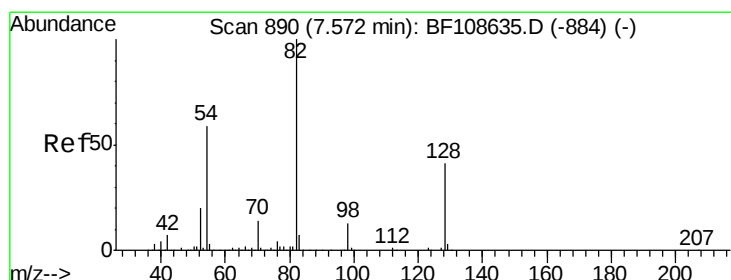
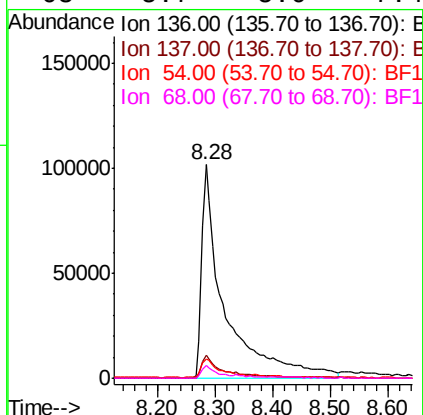
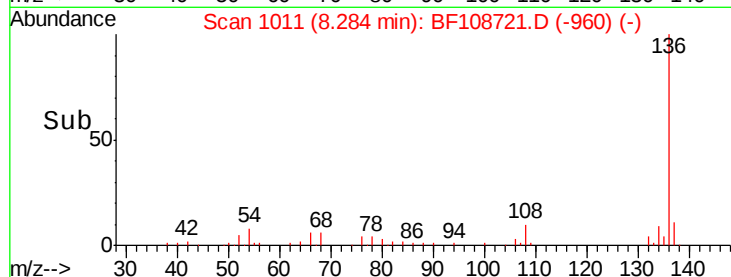
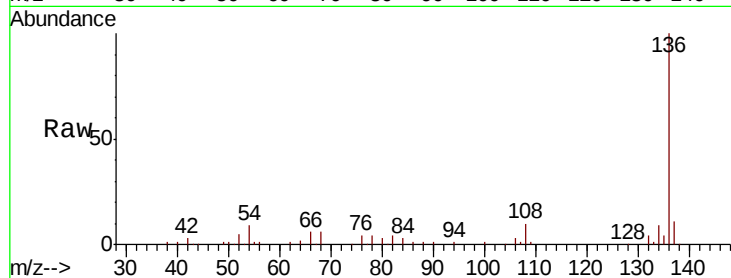




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108721.D
Acq: 1 Sep 2018 6:29

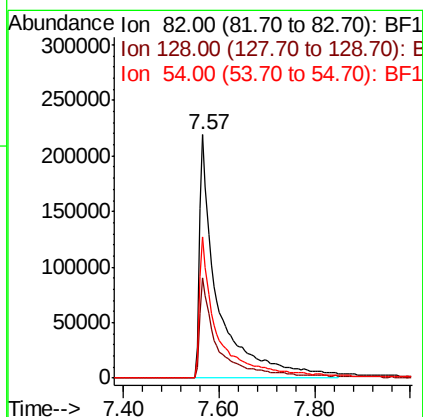
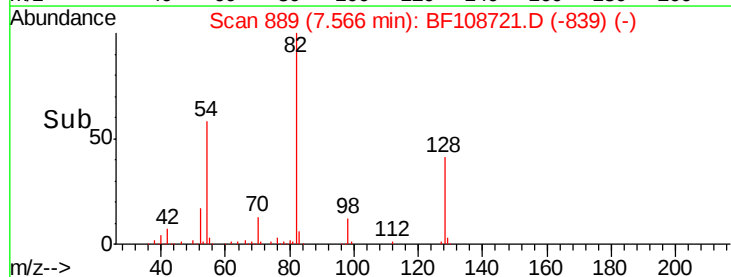
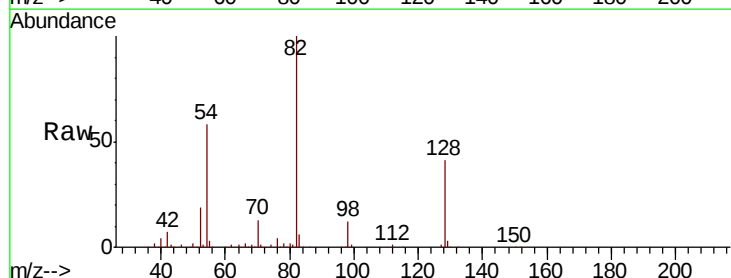
Instrument :
BNA_F
ClientSampleId :

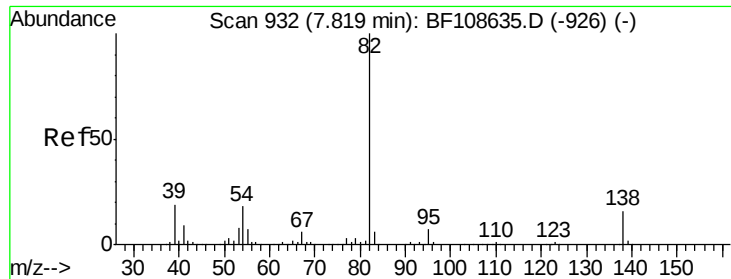
Tot Ion:136	Resp:	285045
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.9	13.3
54 8.9	6.6	9.8
68 5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 105.520 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108721.D
Acq: 1 Sep 2018 6:29

Tgt Ion: 82	Resp:	592566
Ion Ratio	Lower	Upper
82 100		
128 41.4	36.1	54.1
54 57.9	41.4	62.2





#25

Isophorone

Concen: 65.270 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108721.D

Acq: 1 Sep 2018 6:29

Instrument :

BNA_F

ClientSampleId :

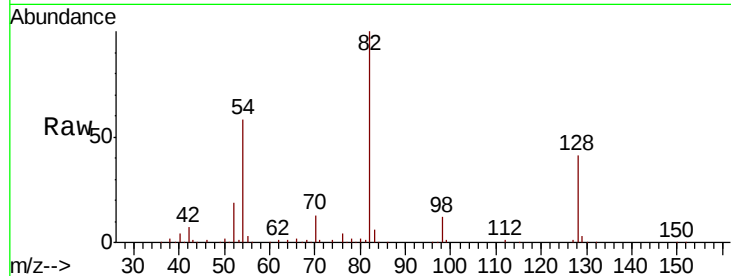
Tot Ion: 82 Resp: 608880

Ion Ratio Lower Upper

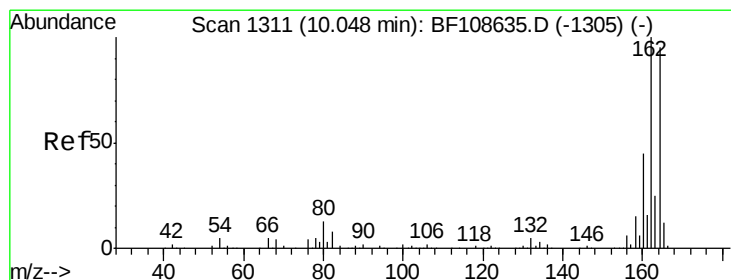
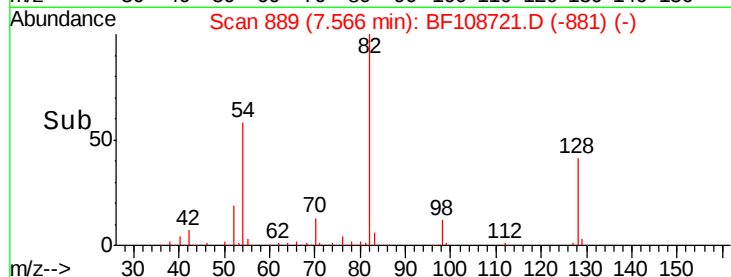
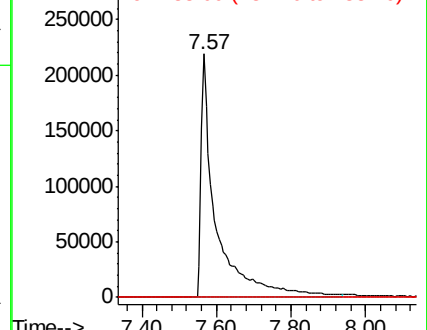
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF108721.D

Acq: 1 Sep 2018 6:29

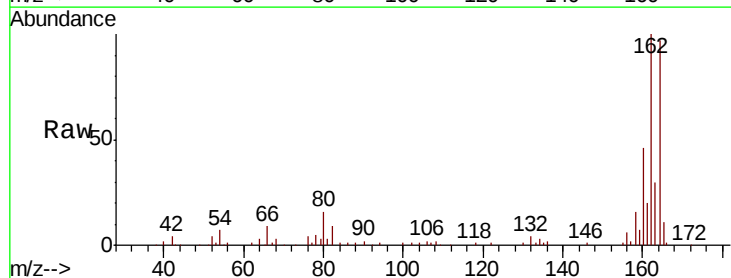
Tgt Ion:164 Resp: 129584

Ion Ratio Lower Upper

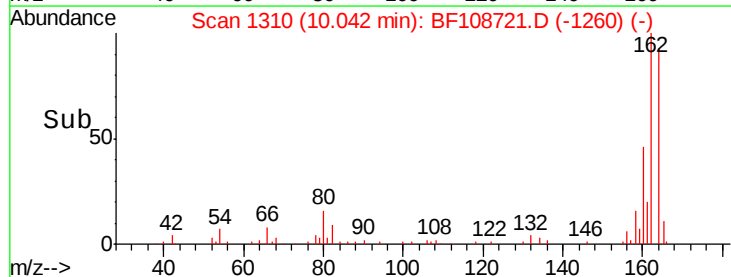
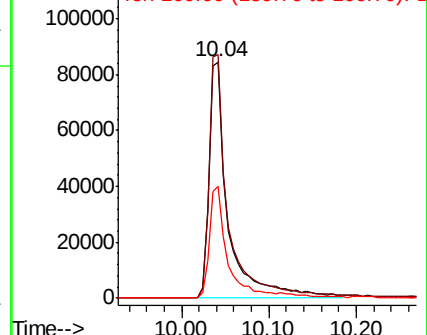
164 100

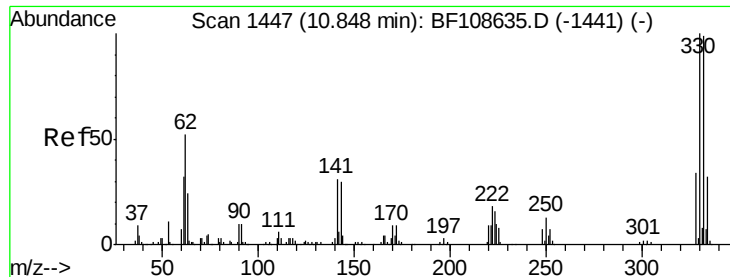
162 103.0 86.1 129.1

160 47.2 38.3 57.5



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

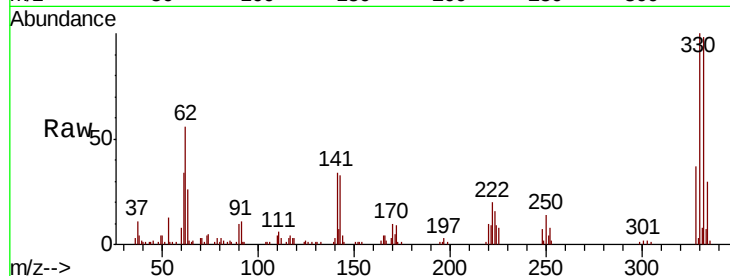




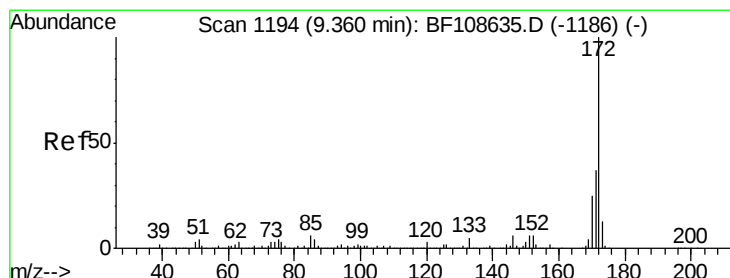
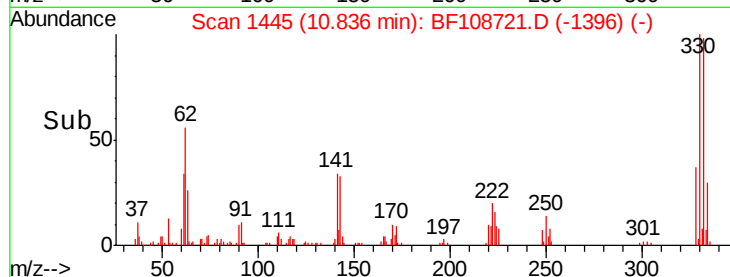
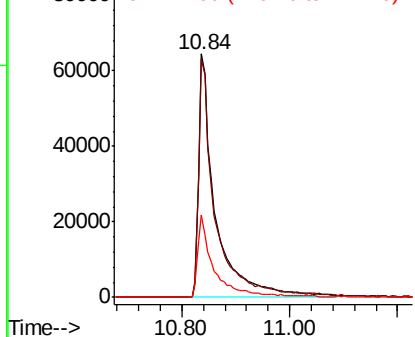
#41
 2,4,6-Tribromophenol
 Concen: 81.832 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108721.D
 Acq: 1 Sep 2018 6:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 139987
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 31.1 29.9 44.9

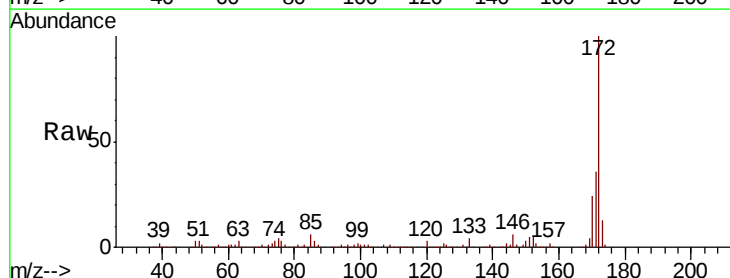


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

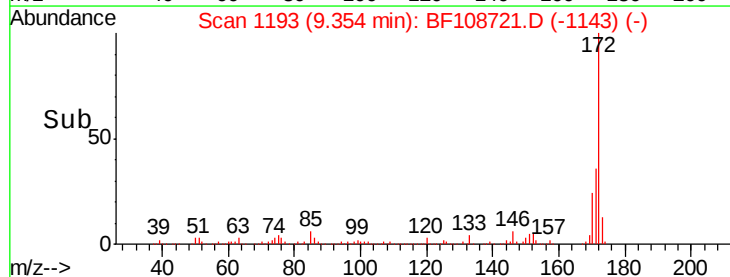
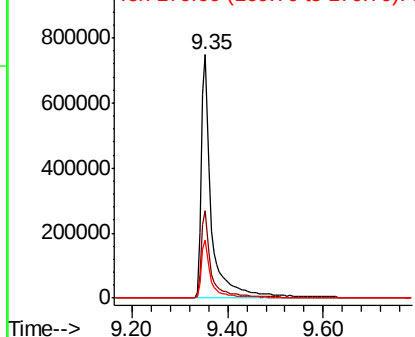


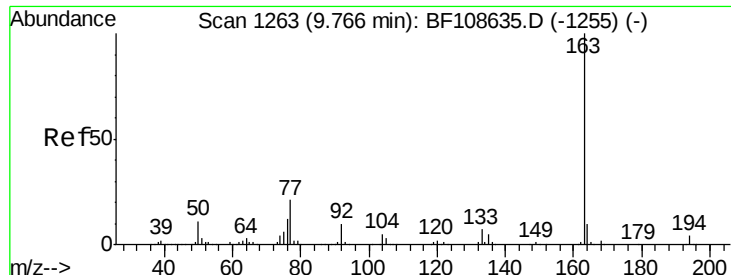
#44
 2-Fluorobiphenyl
 Concen: 115.944 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108721.D
 Acq: 1 Sep 2018 6:29

Tgt Ion:172 Resp: 1117413
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.8 19.6 29.4



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

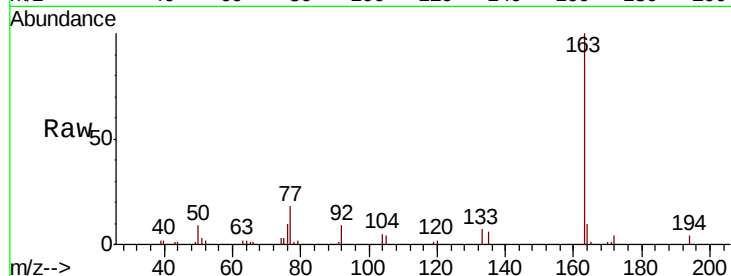




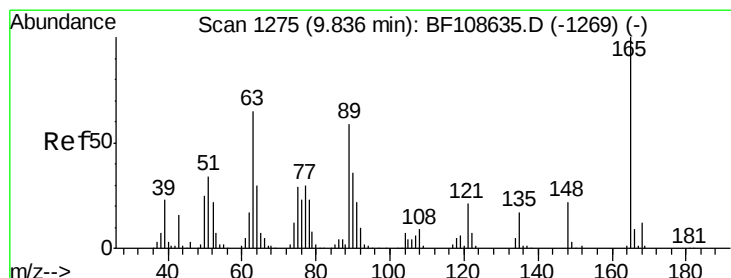
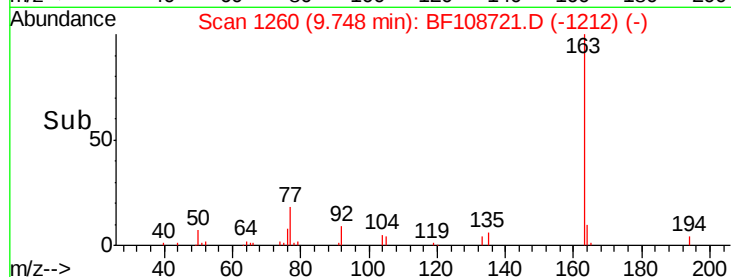
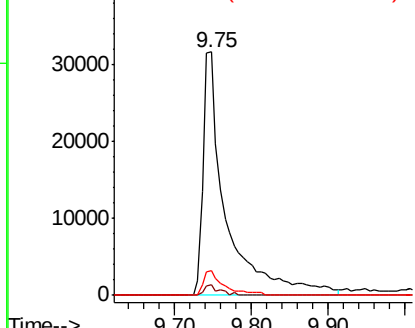
#49
Dimethylphthalate
Concen: 6.471 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108721.D
Acq: 1 Sep 2018 6:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 66036
Ion Ratio Lower Upper
163 100
194 4.5 2.7 4.1#
164 10.3 8.2 12.2

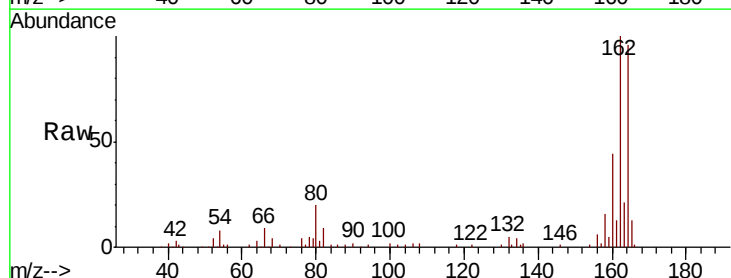


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

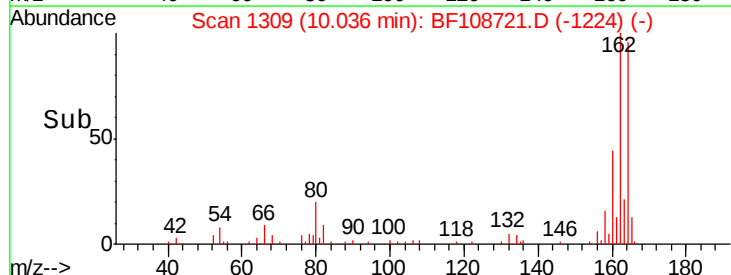
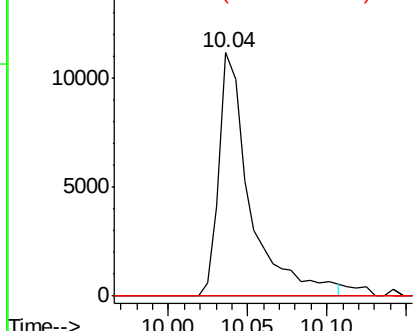


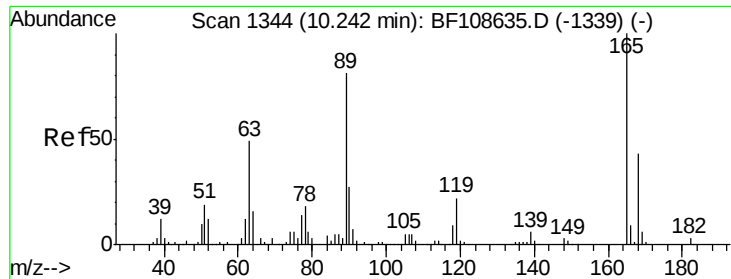
#50
2,6-Dinitrotoluene
Concen: 6.822 ng
RT: 10.04 min Scan# 1309
Delta R.T. 0.20 min
Lab File: BF108721.D
Acq: 1 Sep 2018 6:29

Tgt Ion:165 Resp: 15345
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#



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

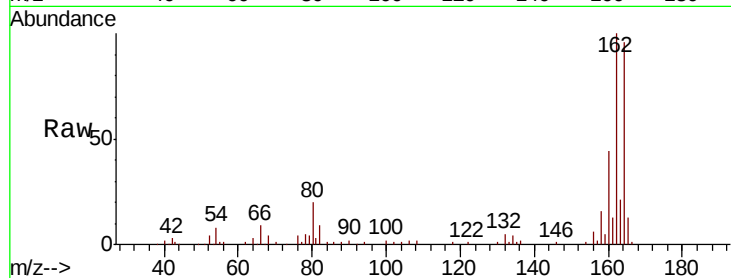




#56
2,4-Dinitrotoluene
Concen: 5.294 ng
RT: 10.04 min Scan# 1309
Delta R.T. -0.21 min
Lab File: BF108721.D
Acq: 1 Sep 2018 6:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

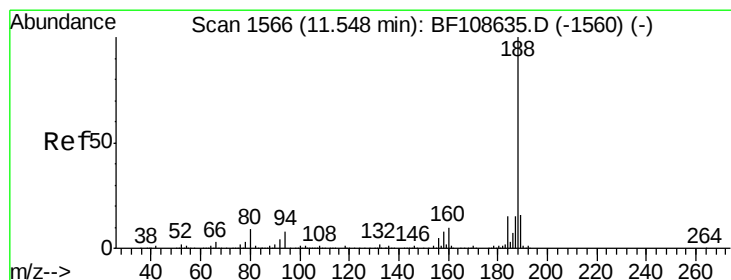
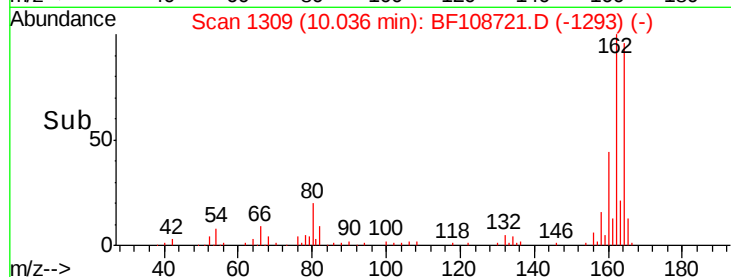
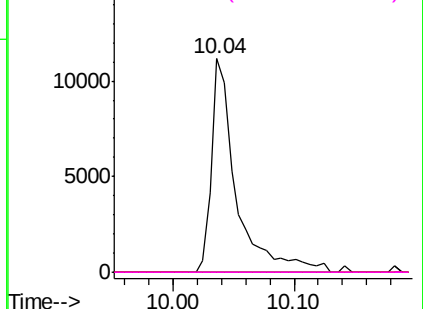


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

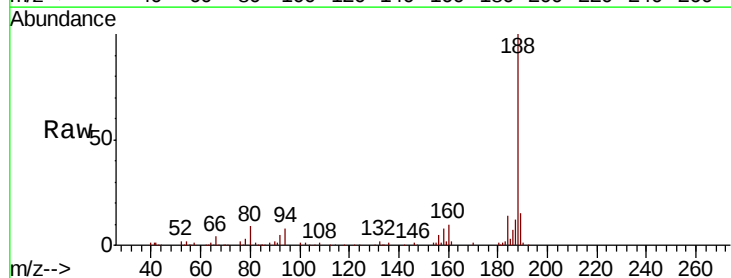
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108721.D
Acq: 1 Sep 2018 6:29

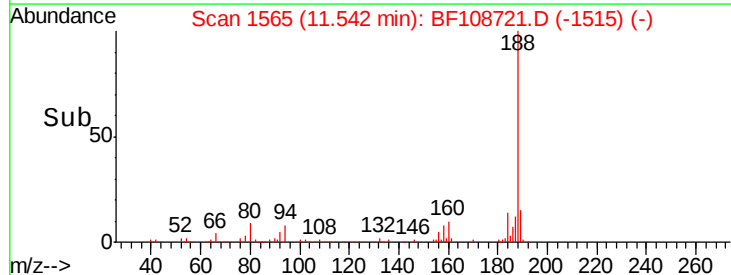
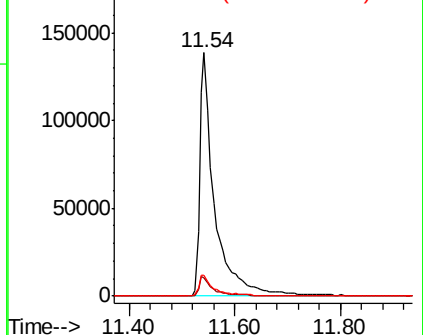
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.8	9.2	13.8#

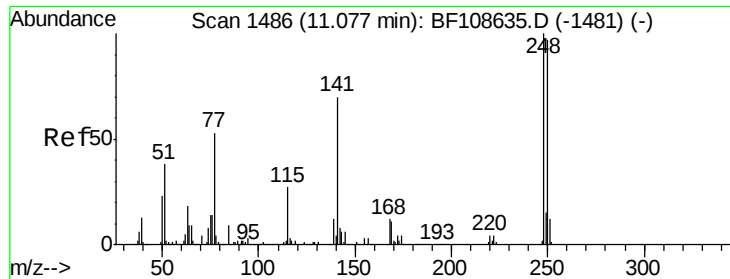


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

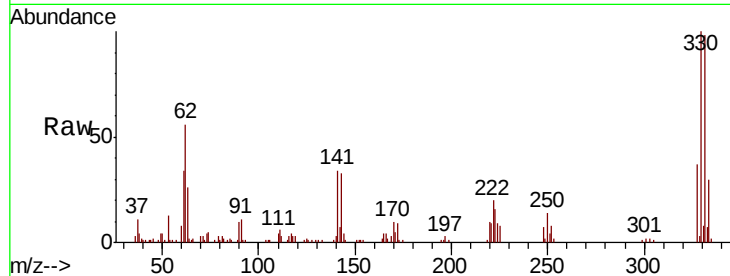




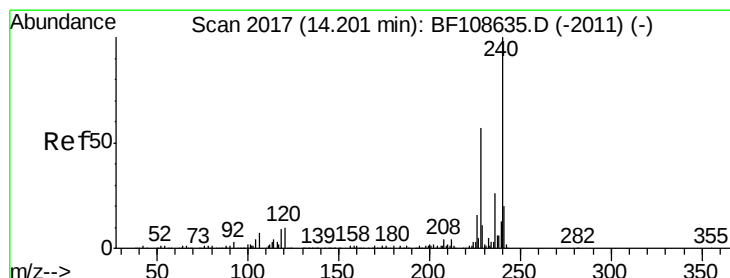
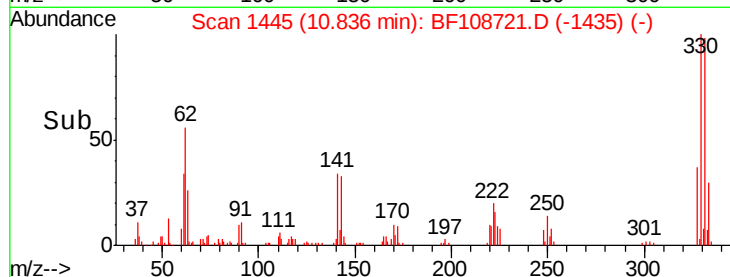
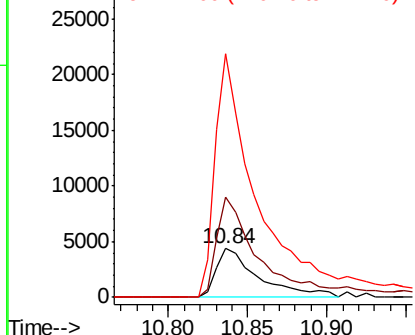
#66
 4-Bromophenyl-phenylether
 Concen: 2.426 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108721.D
 Acq: 1 Sep 2018 6:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8127
 Ion Ratio Lower Upper
 248 100
 250 206.1 76.9 115.3#
 141 499.4 74.4 111.6#

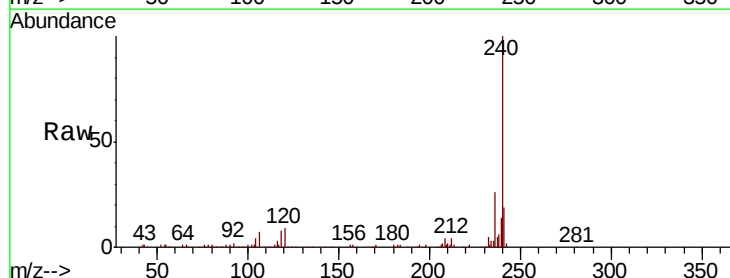


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

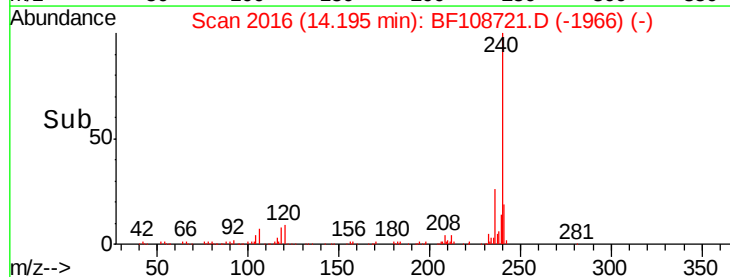
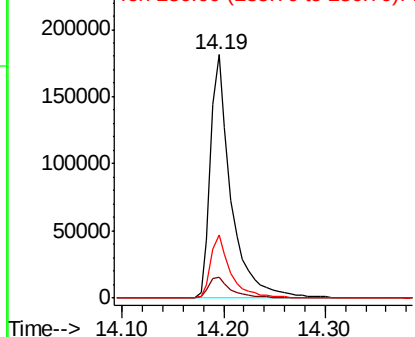


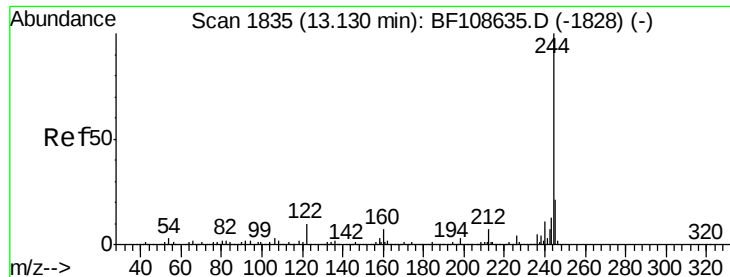
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108721.D
 Acq: 1 Sep 2018 6:29

Tgt Ion:240 Resp: 256455
 Ion Ratio Lower Upper
 240 100
 120 8.6 9.5 14.3#
 236 26.0 20.7 31.1



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





#78

Terphenyl-d14

Concen: 83.607 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108721.D

Acq: 1 Sep 2018 6:29

Instrument :

BNA_F

ClientSampled :

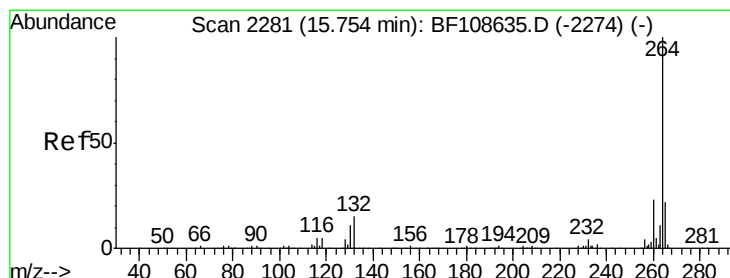
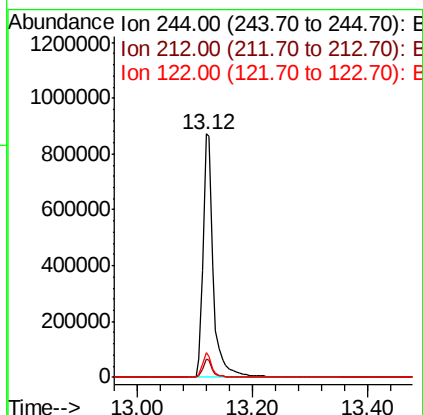
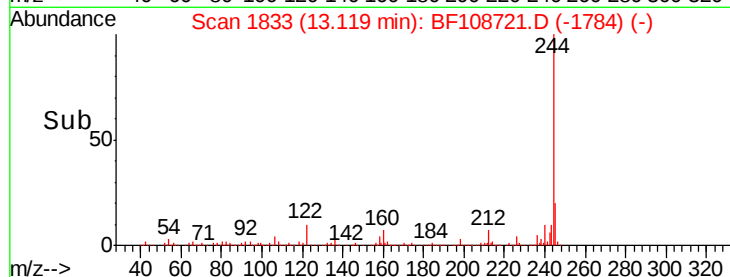
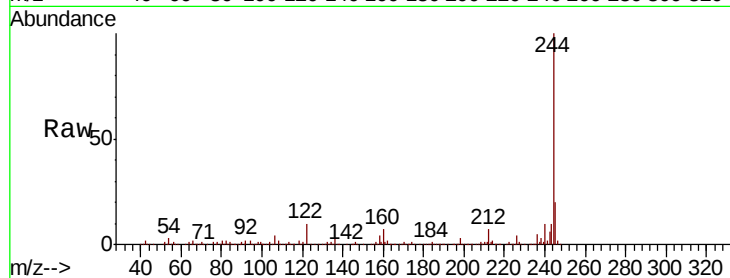
Tot Ion:244 Resp: 1103544

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

122 10.3 11.0 16.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.75 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF108721.D

Acq: 1 Sep 2018 6:29

Tgt Ion:264 Resp: 168651

Ion Ratio Lower Upper

264 100

260 22.4 19.2 28.8

265 21.1 17.5 26.3

