

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
 Data File : BF108610.D
 Acq On : 29 Aug 2018 17:48
 Operator : JU/SJ
 Sample : J4683-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 29 18:46:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 22 11:01:45 2018
 Response via : Initial Calibration

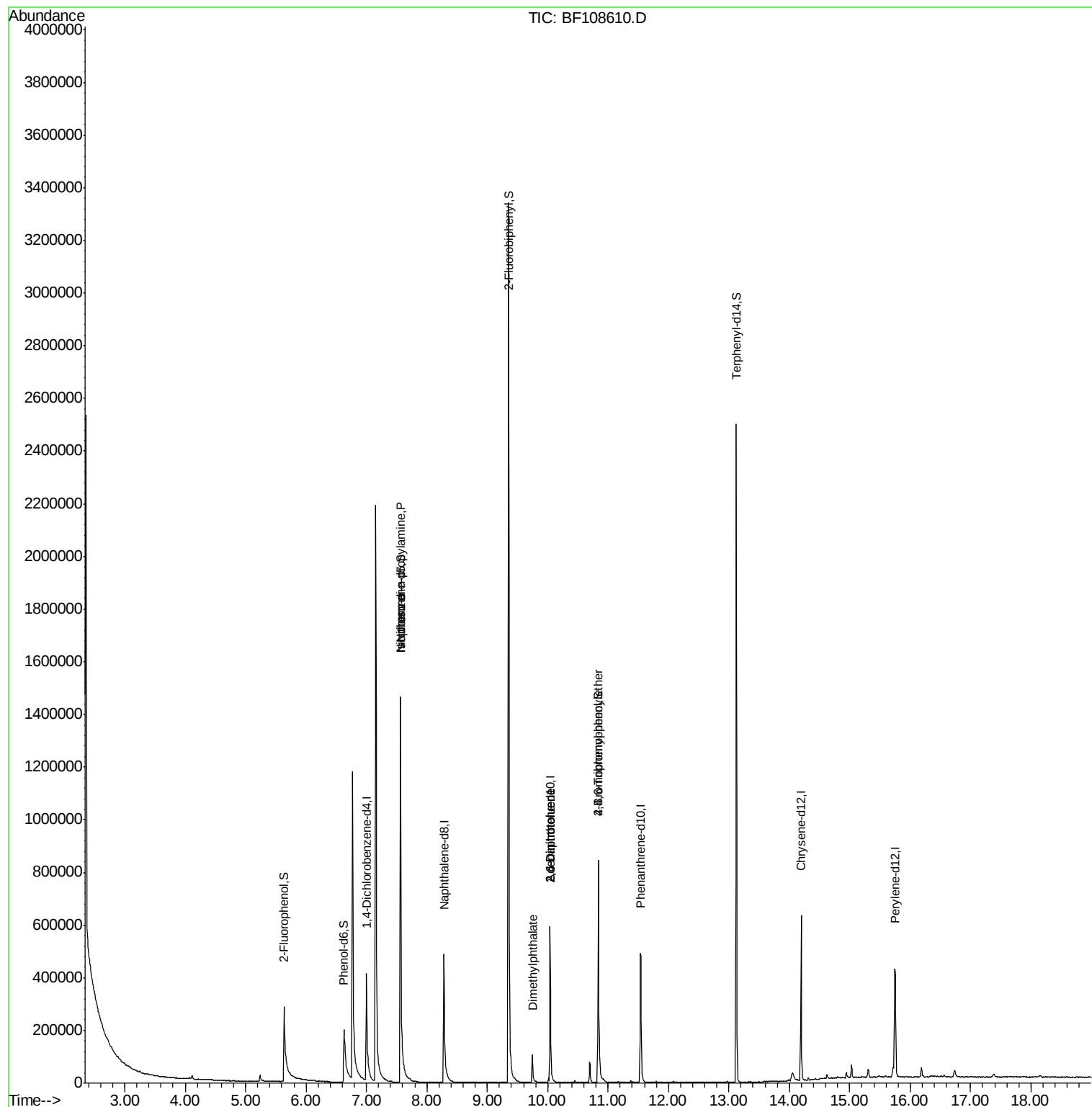
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	98054	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	354205	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	144969	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	245686	20.00	ng	-0.01
75) Chrysene-d12	14.20	240	239244	20.00	ng	0.00
86) Perylene-d12	15.75	264	239472	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	205010	37.85	ng	0.00
7) Phenol-d6	6.63	99	177599	24.68	ng	0.00
23) Nitrobenzene-d5	7.57	82	681959	107.44	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	136795	94.60	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1156843	128.12	ng	-0.01
78) Terphenyl-d14	13.12	244	895386	95.16	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	88884	18.263	ng	# 81
25) Isophorone	7.57	82	681955	56.366	ng	# 64
49) Dimethylphthalate	9.75	163	71278	7.058	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	18586	8.797	ng	# 26
56) 2,4-Dinitrotoluene	10.04	165	18819	6.920	ng	# 24
66) 4-Bromophenyl-phenylether	10.84	248	8517	3.190	ng	# 1

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

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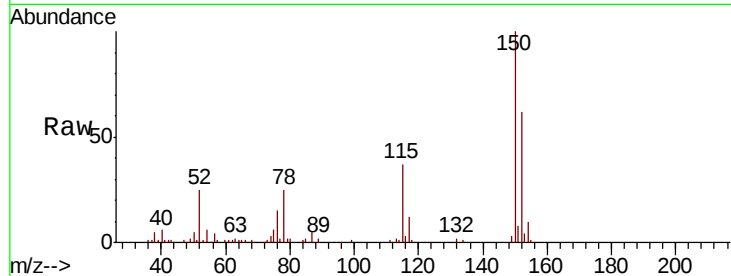


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108610.D
Acq: 29 Aug 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.1	124.6	186.8
115	59.9	50.1	75.1

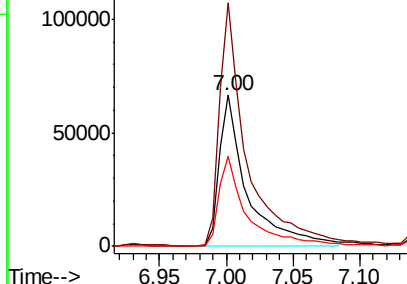
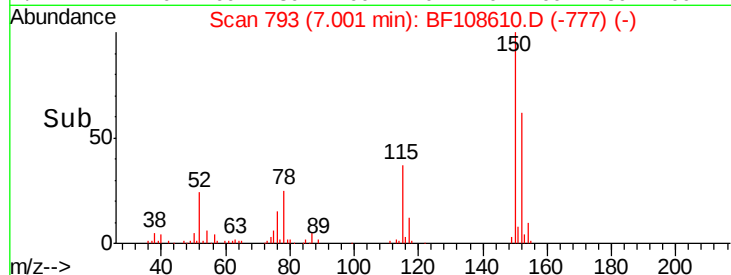


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

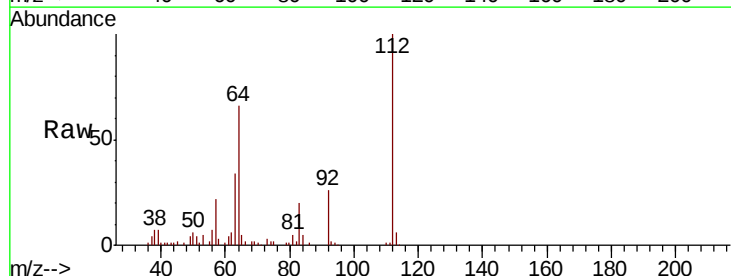
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 37.853 ng
RT: 5.64 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF108610.D
Acq: 29 Aug 2018 17:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.4	47.9	71.9
63	34.0	23.7	35.5

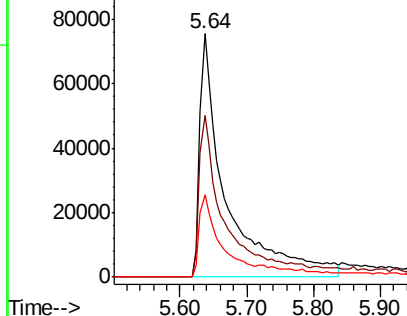
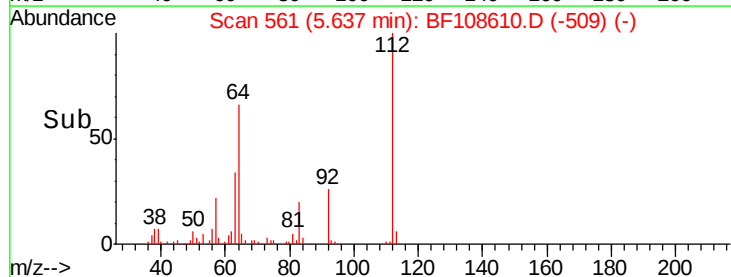


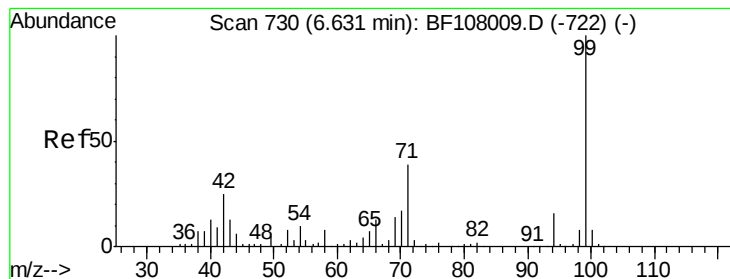
Abundance

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: 24.676 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108610.D

Acq: 29 Aug 2018 17:48

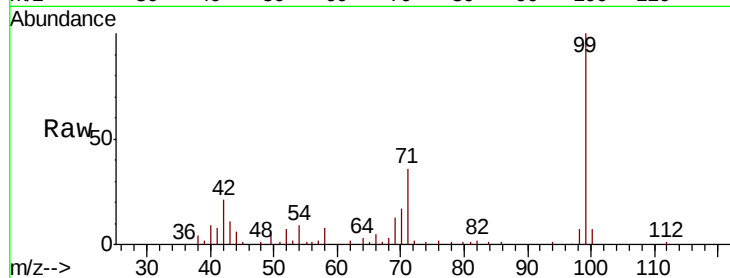
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 177599

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.5	21.7
71	36.2	25.4	38.0

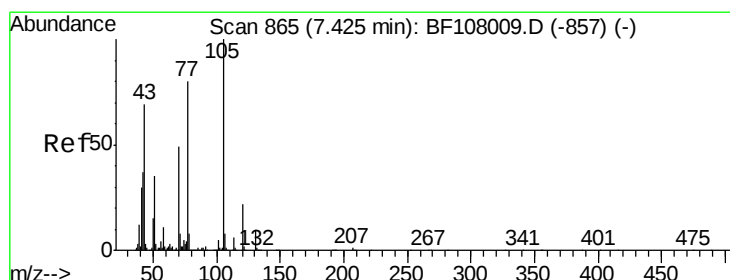
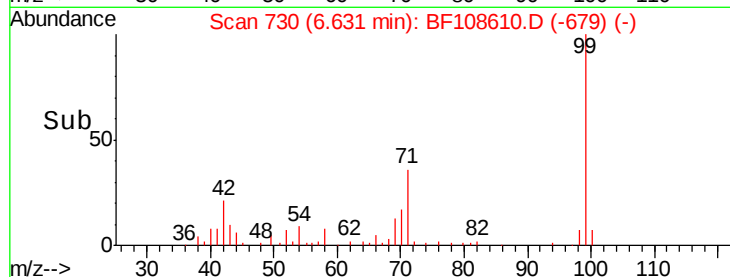
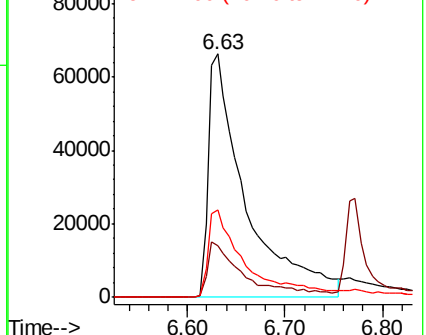


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 18.263 ng

RT: 7.57 min Scan# 889

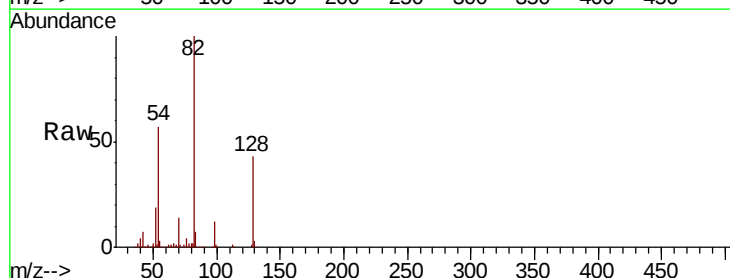
Delta R.T. 0.15 min

Lab File: BF108610.D

Acq: 29 Aug 2018 17:48

Tgt Ion: 70 Resp: 88884

Ion	Ratio	Lower	Upper
70	100		
42	50.9	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



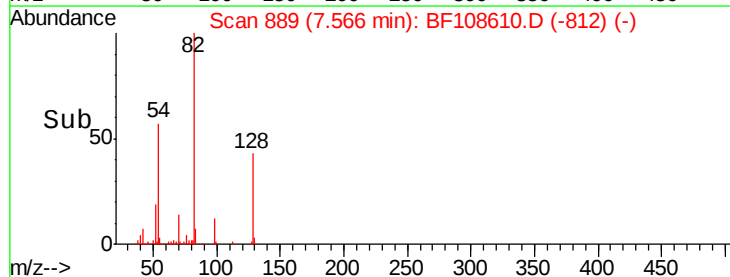
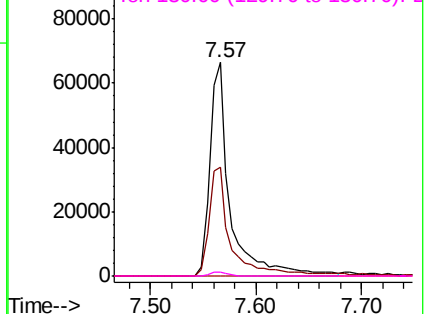
Abundance

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

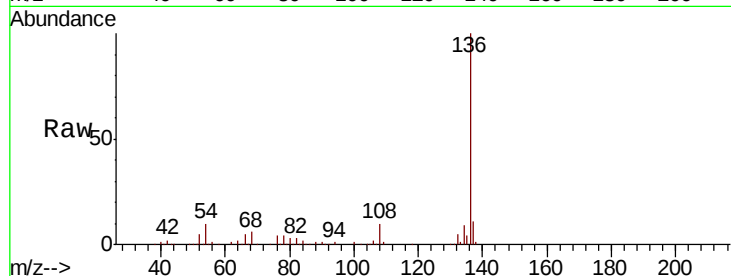




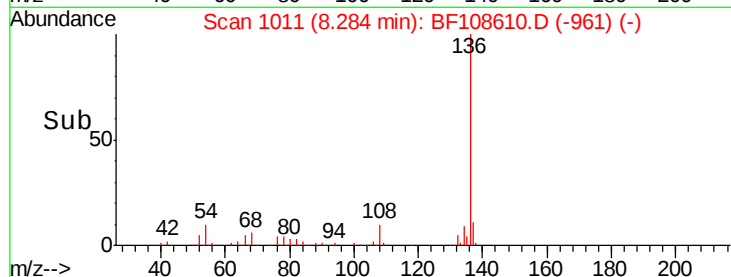
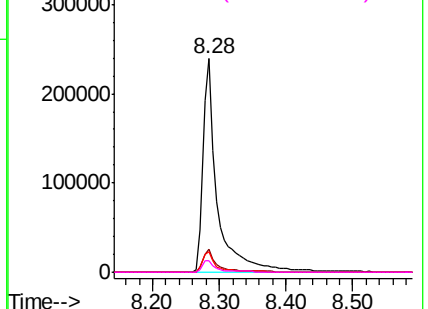
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF108610.D
Acq: 29 Aug 2018 17:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	354205
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	9.6	6.6 9.8
68	5.6	5.0 7.4

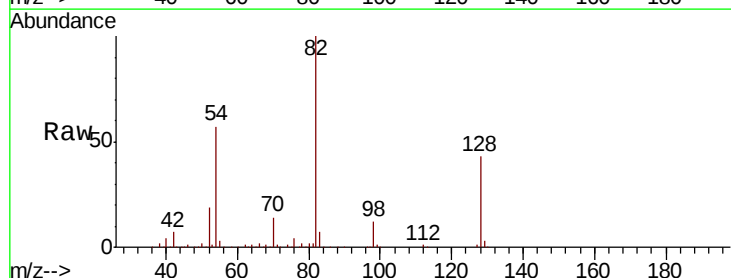


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

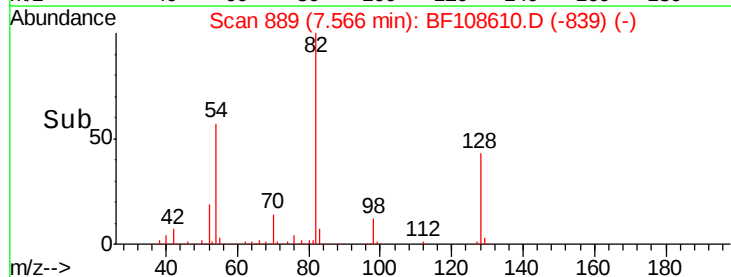
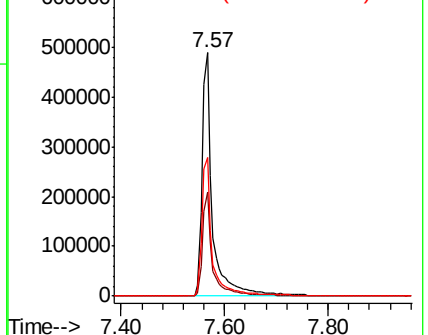


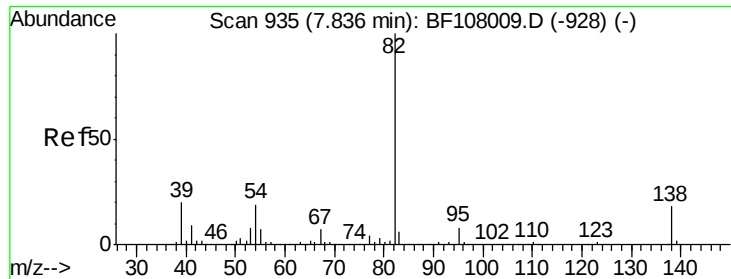
#23
Nitrobenzene-d5
Concen: 107.436 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108610.D
Acq: 29 Aug 2018 17:48

Tgt Ion: 82	Resp:	681959
Ion Ratio	Lower	Upper
82	100	
128	42.8	36.1 54.1
54	57.1	41.4 62.2



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

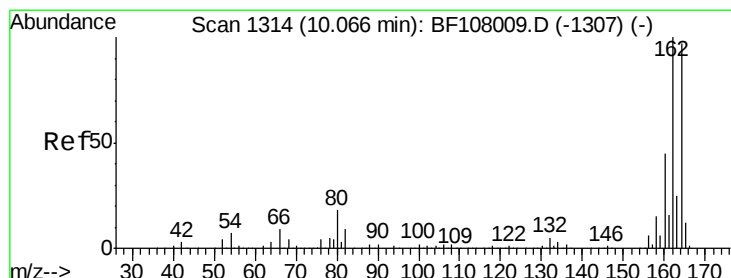
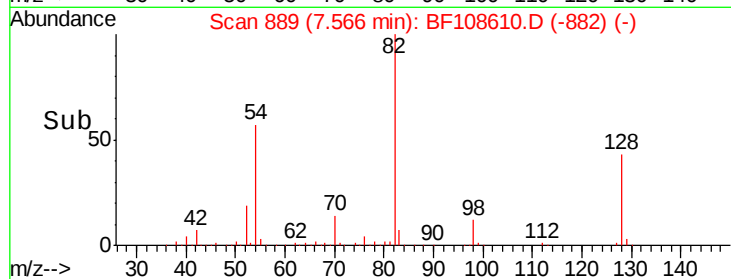
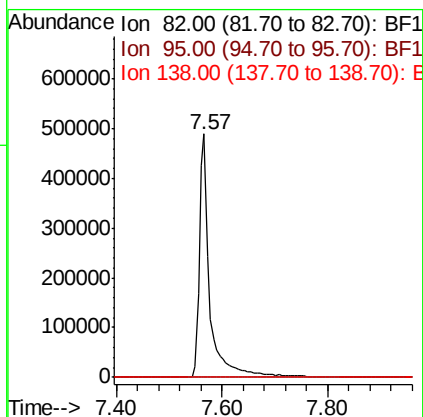
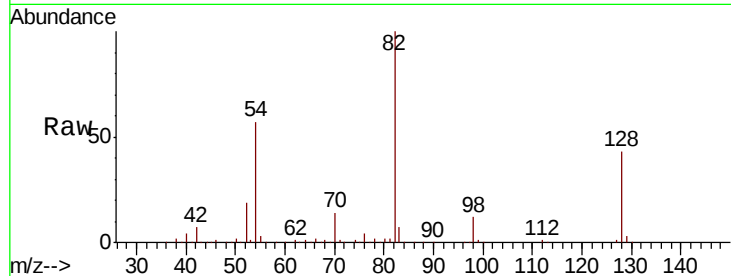




#25
Isophorone
Concen: 56.366 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.26 min
Lab File: BF108610.D
Acq: 29 Aug 2018 17:48

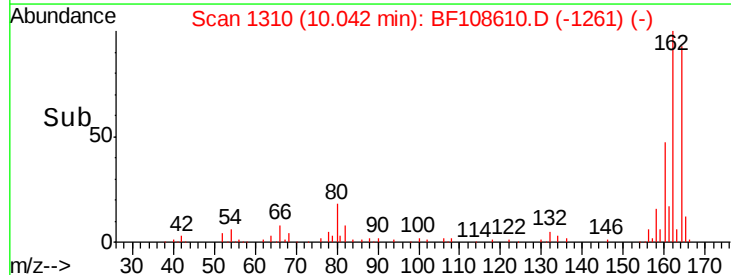
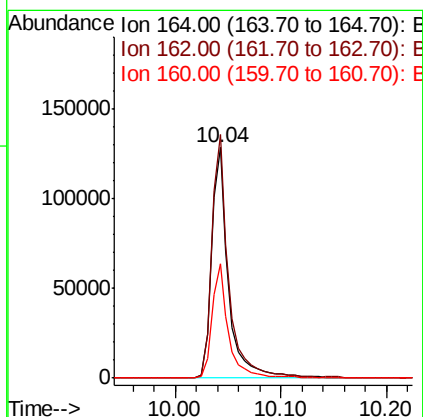
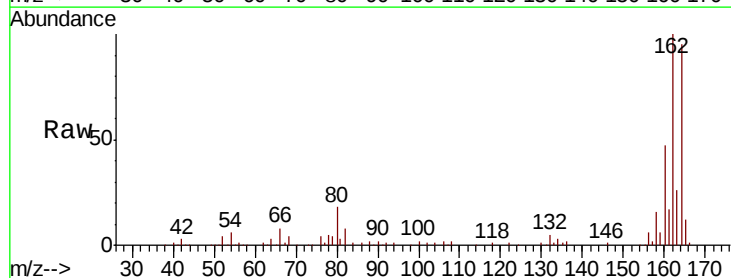
Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 681955
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108610.D
Acq: 29 Aug 2018 17:48

Tgt Ion:164 Resp: 144969
Ion Ratio Lower Upper
164 100
162 105.6 86.1 129.1
160 49.4 38.3 57.5

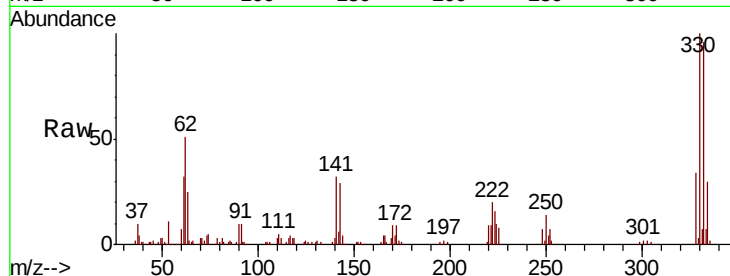




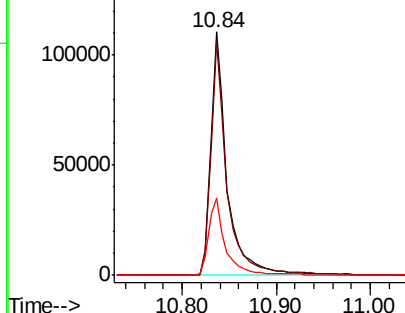
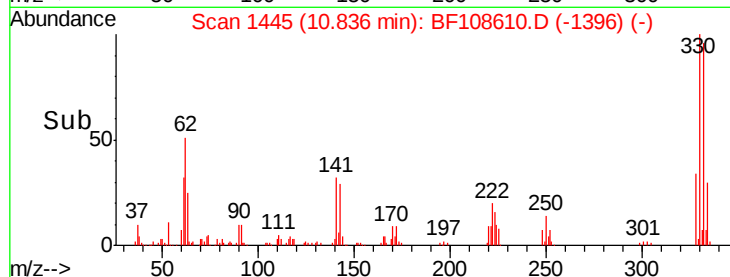
#41
 2,4,6-Tribromophenol
 Concen: 94.600 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108610.D
 Acq: 29 Aug 2018 17:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	32.3	29.9	44.9

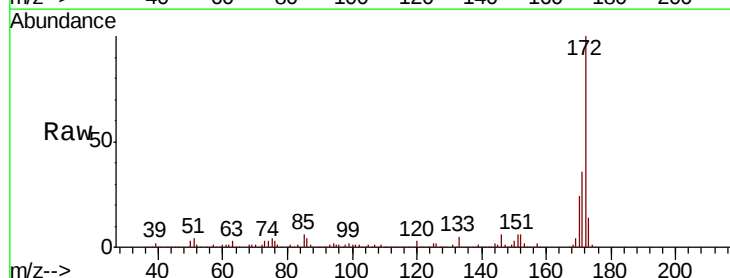


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

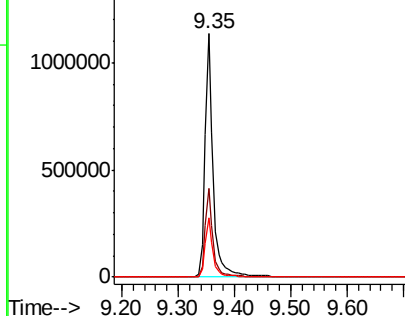
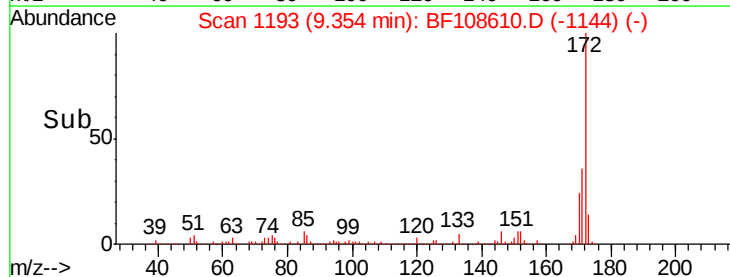


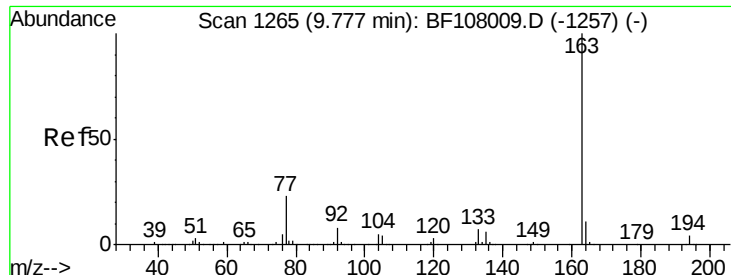
#44
 2-Fluorobiphenyl
 Concen: 128.115 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108610.D
 Acq: 29 Aug 2018 17:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	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

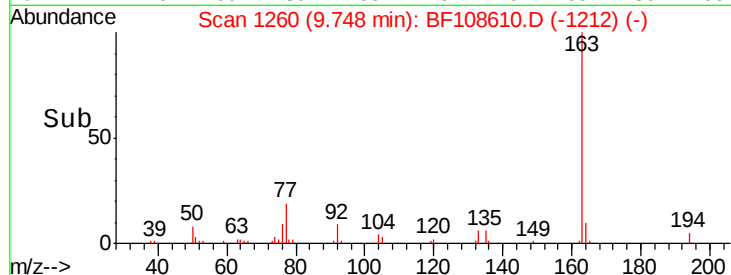
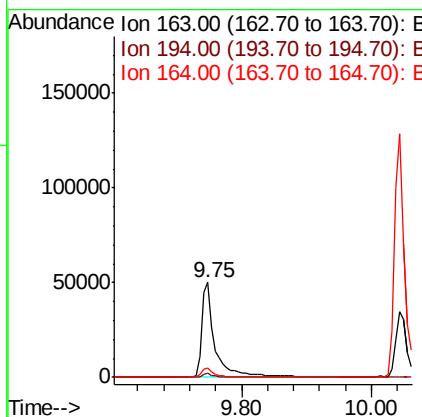
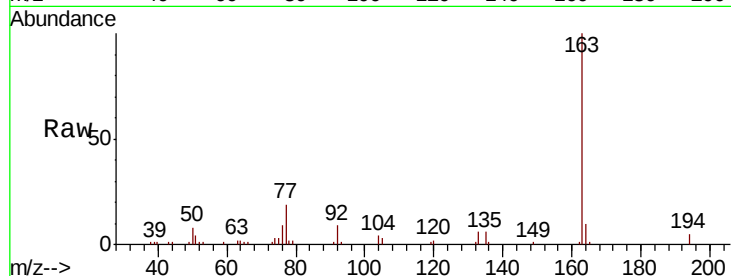




#49
Dimethylphthalate
Concen: 7.058 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108610.D
Acq: 29 Aug 2018 17:48

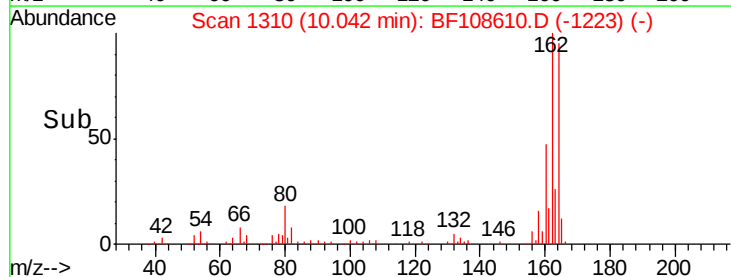
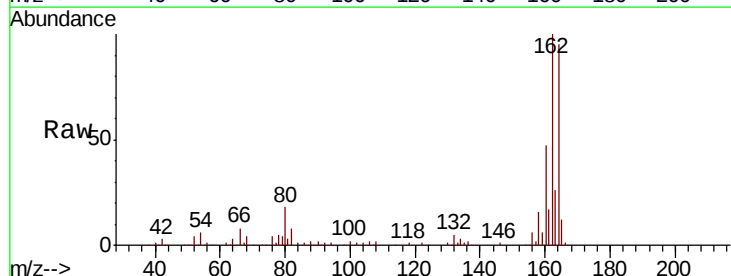
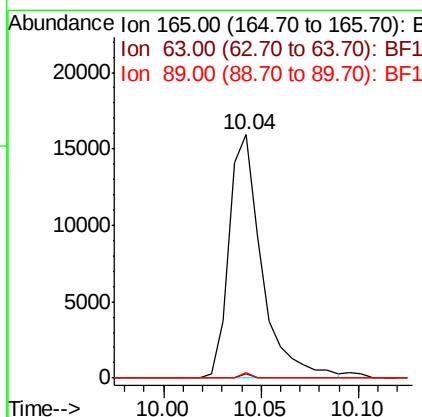
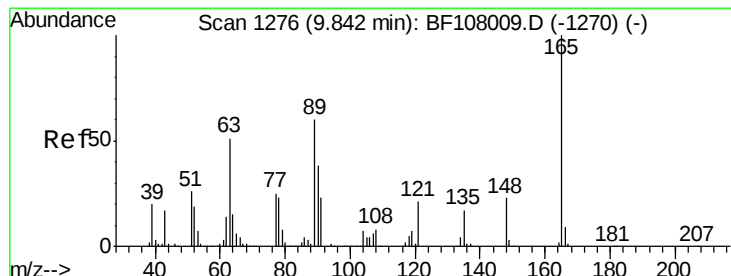
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 71278
Ion Ratio Lower Upper
163 100
194 4.8 2.7 4.1#
164 9.8 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 8.797 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108610.D
Acq: 29 Aug 2018 17:48

Tgt Ion:165 Resp: 18586
Ion Ratio Lower Upper
165 100
63 1.9 44.7 67.1#
89 2.1 44.0 66.0#

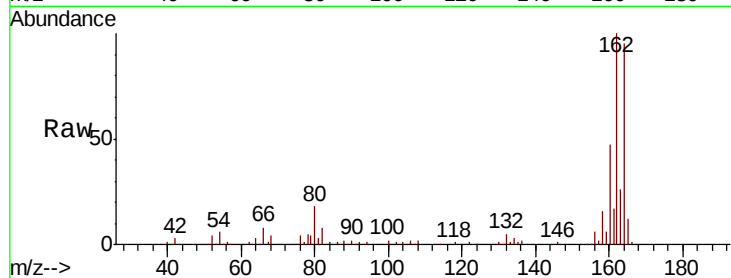




#56
 2,4-Dinitrotoluene
 Concen: 6.920 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.19 min
 Lab File: BF108610.D
 Acq: 29 Aug 2018 17:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#



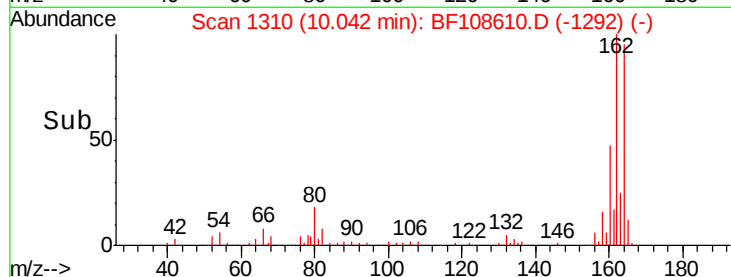
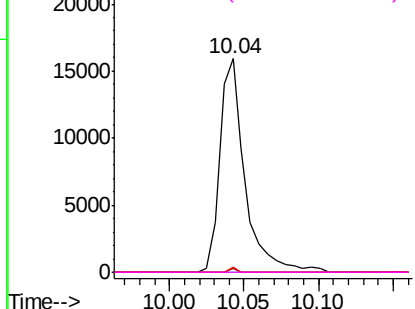
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

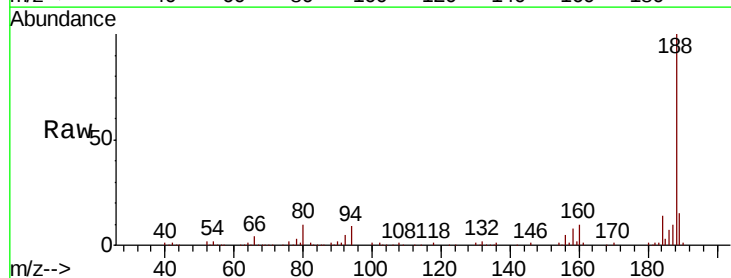
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108610.D
 Acq: 29 Aug 2018 17:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	9.9	9.2	13.8

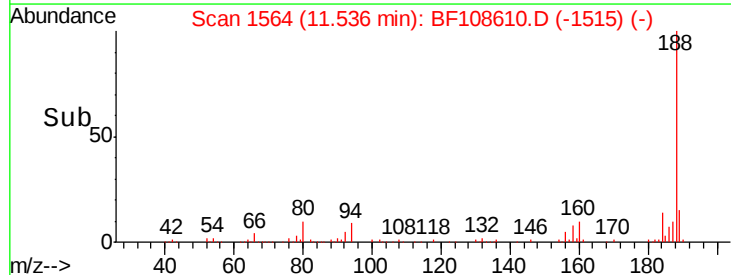
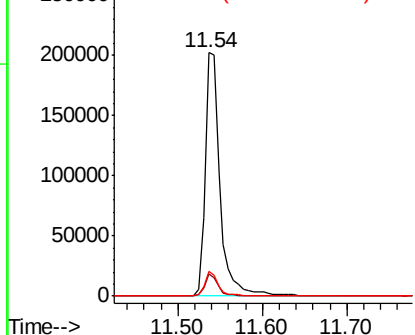


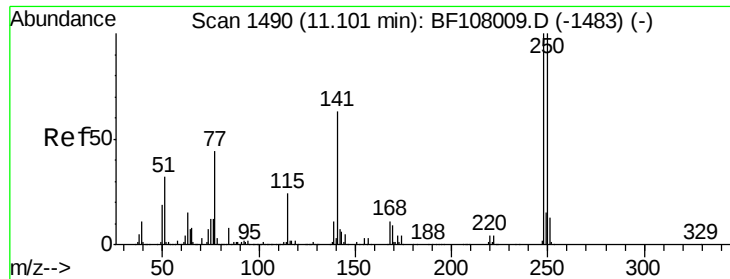
Abundance

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

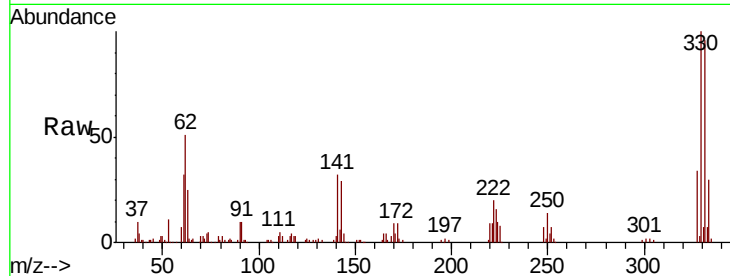




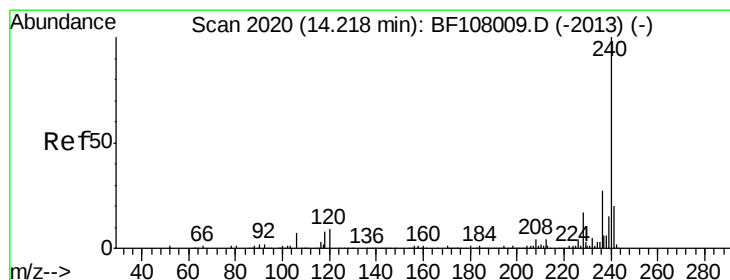
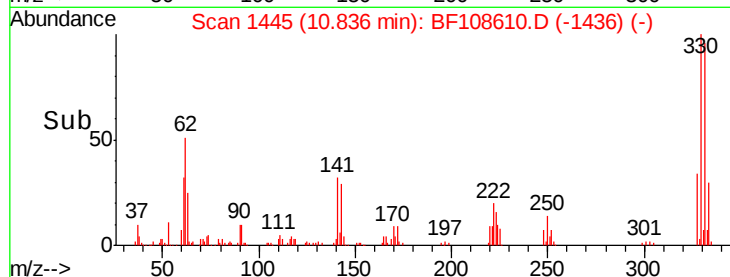
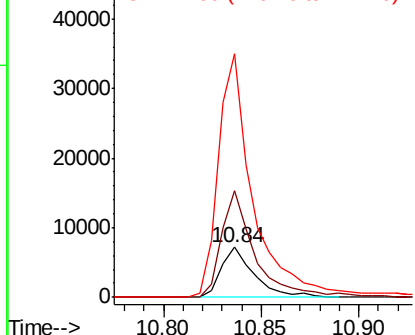
#66
4-Bromophenyl-phenylether
Concen: 3.190 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF108610.D
Acq: 29 Aug 2018 17:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 8517
Ion Ratio Lower Upper
248 100
250 212.6 76.9 115.3#
141 485.1 74.4 111.6#

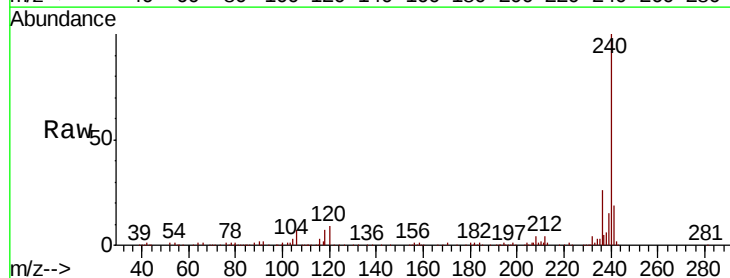


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

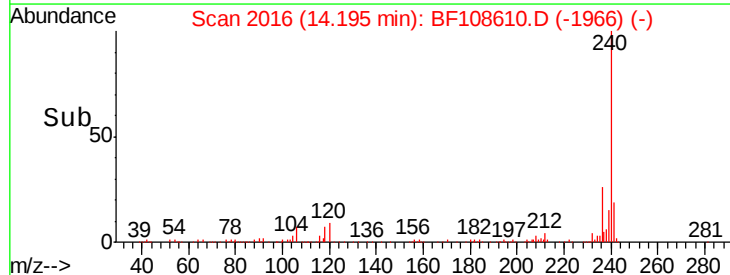
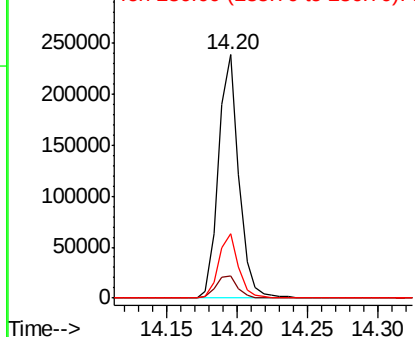


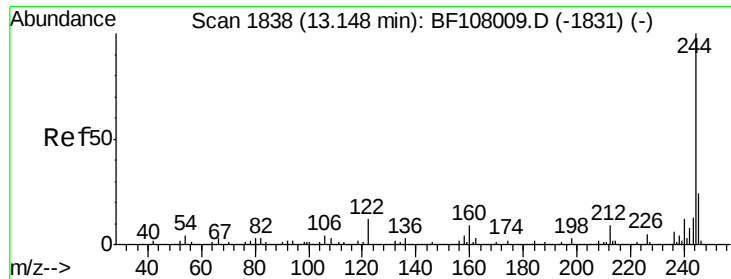
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF108610.D
Acq: 29 Aug 2018 17:48

Tgt Ion:240 Resp: 239244
Ion Ratio Lower Upper
240 100
120 9.2 9.5 14.3#
236 26.2 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

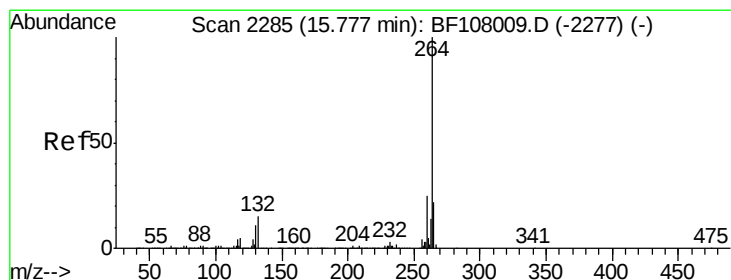
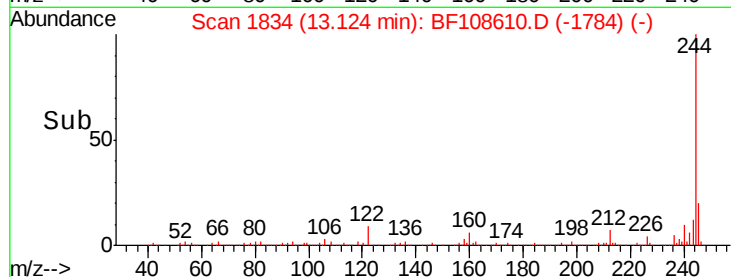
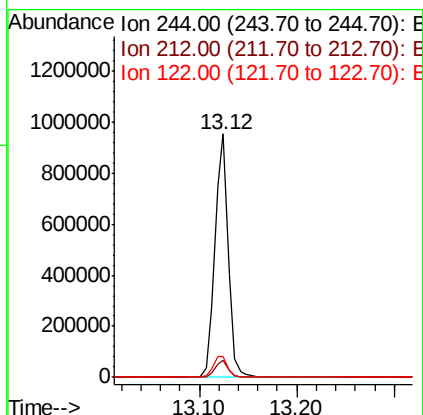
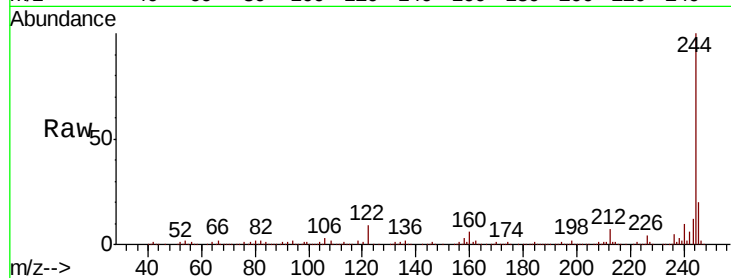




#78
 Terphenyl-d14
 Concen: 95.157 ng
 RT: 13.12 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF108610.D
 Acq: 29 Aug 2018 17:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 895386
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 8.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108610.D
 Acq: 29 Aug 2018 17:48

Tgt Ion:264 Resp: 239472
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.5 17.5 26.3

