

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108730.D
 Acq On : 1 Sep 2018 10:33
 Operator : JU/SJ
 Sample : J4729-16
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 02:03:41 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

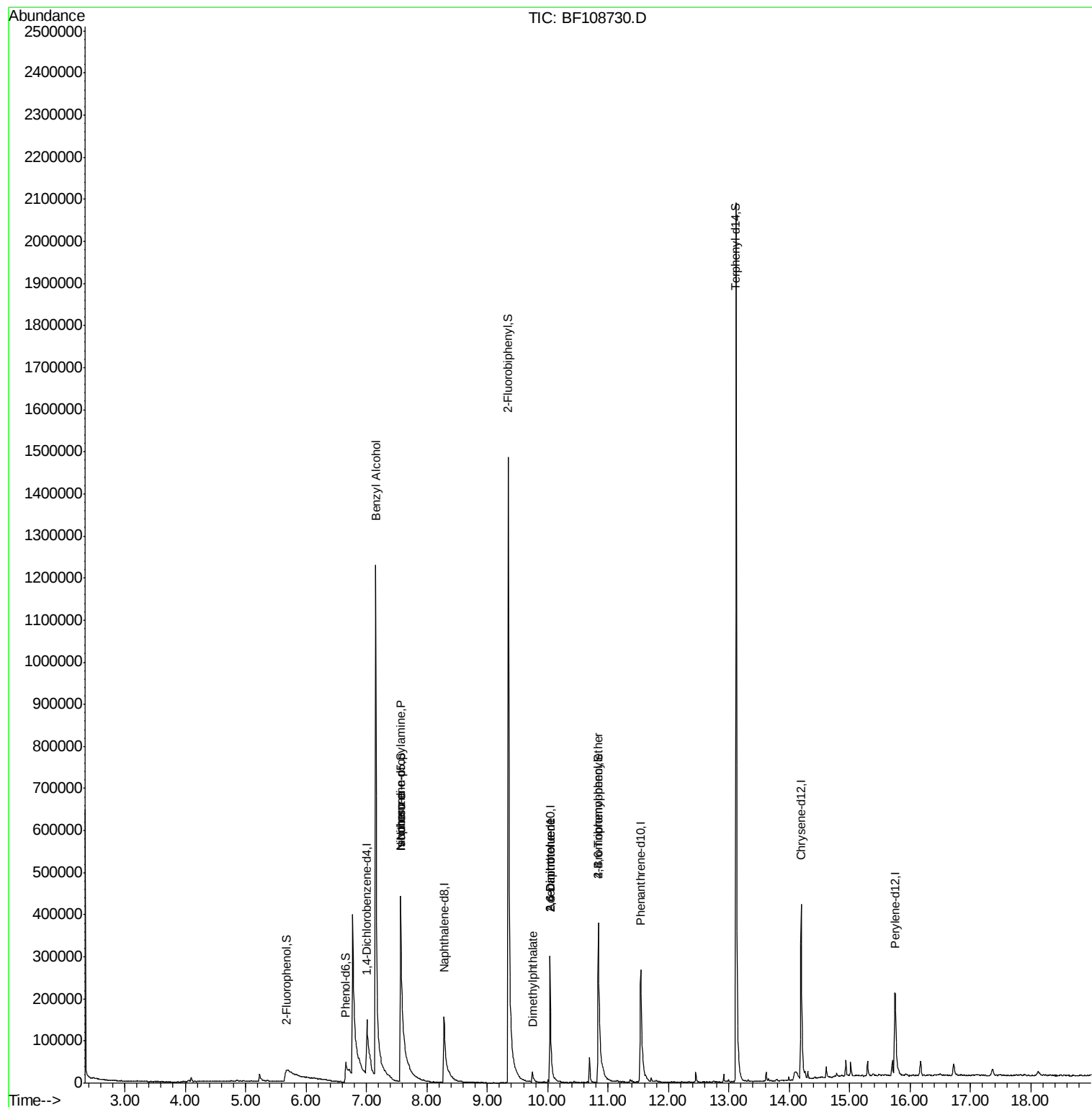
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	64199	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	248045	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	102324	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	230716	20.00	ng	0.00
75) Chrysene-d12	14.19	240	237238	20.00	ng	0.00
86) Perylene-d12	15.75	264	165828	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	51543	13.95	ng	0.04
7) Phenol-d6	6.66	99	62693	11.84	ng	0.01
23) Nitrobenzene-d5	7.57	82	471233	96.43	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	108451	80.29	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	862073	113.28	ng	0.00
78) Terphenyl-d14	13.12	244	948872	77.71	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.15	79	8391	2.204	ng	# 50
19) n-Nitroso-di-n-propylamine	7.57	70	51857	14.630	ng	# 84
25) Isophorone	7.57	82	492213	60.634	ng	# 64
49) Dimethylphthalate	9.75	163	24705	3.066	ng	# 98
50) 2,6-Dinitrotoluene	10.04	165	12355	6.956	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	12949	5.506	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	6203	2.188	ng	# 1

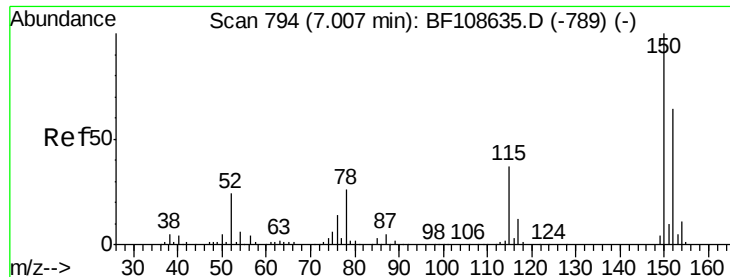
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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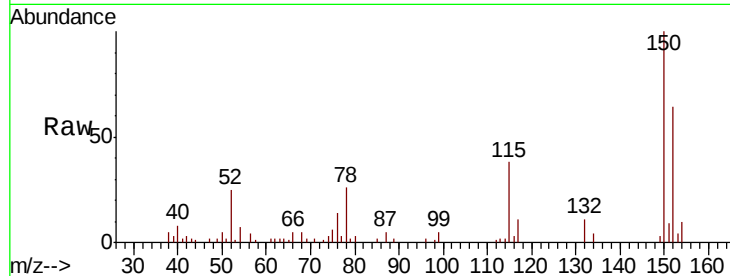


#1

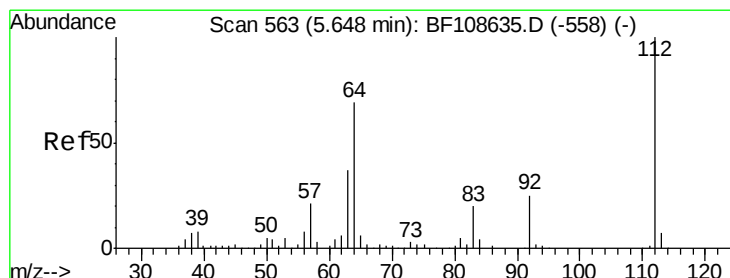
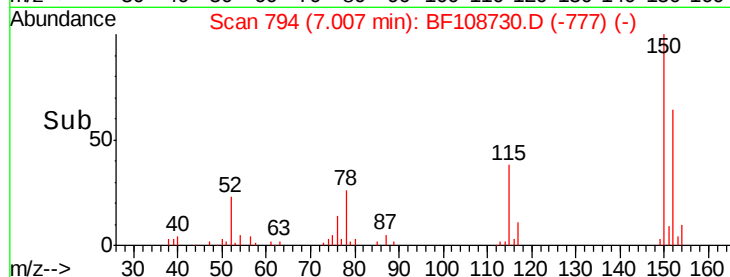
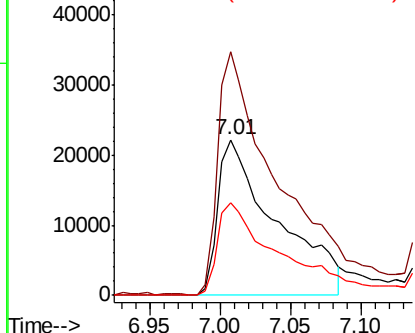
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108730.D
Acq: 1 Sep 2018 10:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 64199
Ion Ratio Lower Upper
152 100
150 156.4 124.6 186.8
115 59.6 50.1 75.1



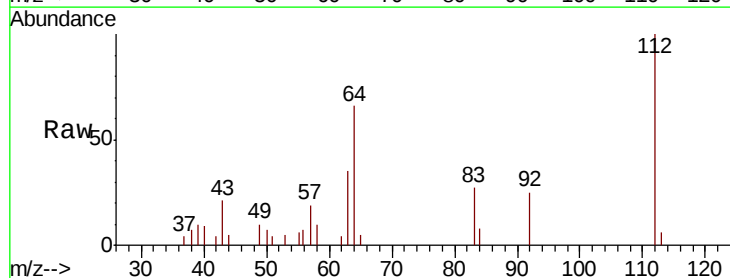
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



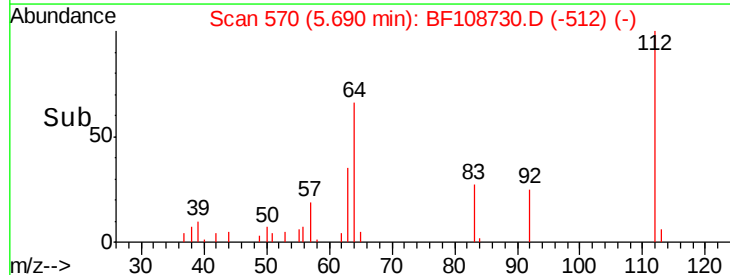
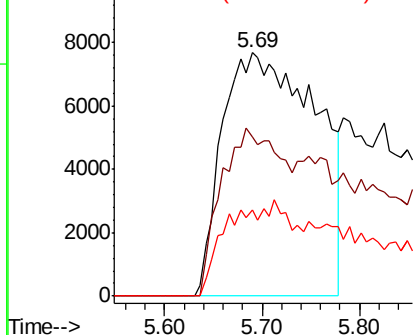
#5

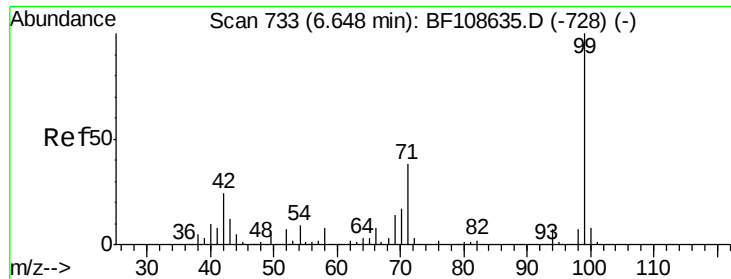
2-Fluorophenol
Concen: 13.947 ng
RT: 5.69 min Scan# 570
Delta R.T. 0.04 min
Lab File: BF108730.D
Acq: 1 Sep 2018 10:33

Tgt Ion:112 Resp: 51543
Ion Ratio Lower Upper
112 100
64 65.6 47.9 71.9
63 35.2 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: 11.845 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108730.D

Acq: 1 Sep 2018 10:33

Instrument :

BNA_F

ClientSampleId :

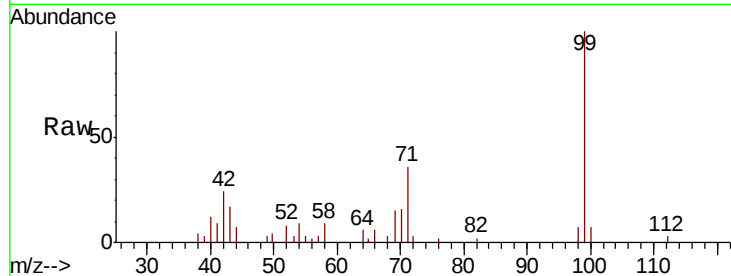
Tot Ion: 99 Resp: 62693

Ion Ratio Lower Upper

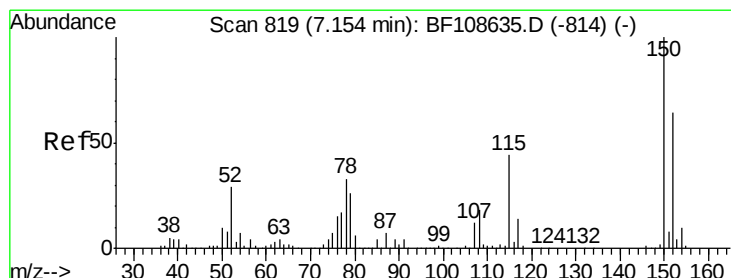
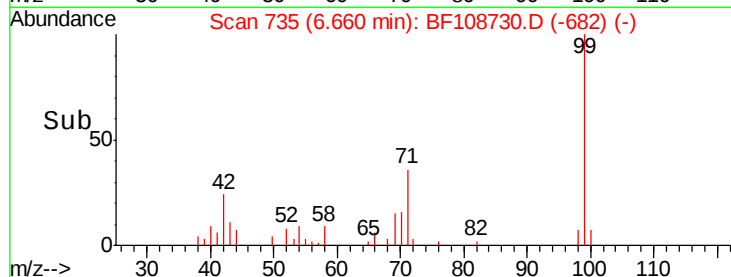
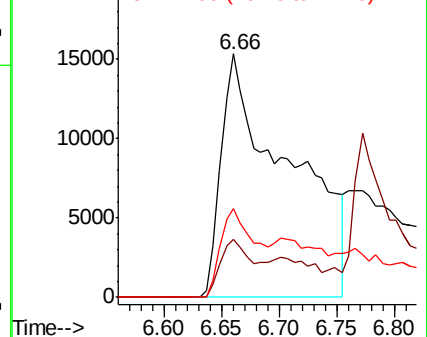
99 100

42 23.7 14.5 21.7#

71 36.5 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



#15

Benzyl Alcohol

Concen: 2.204 ng

RT: 7.15 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF108730.D

Acq: 1 Sep 2018 10:33

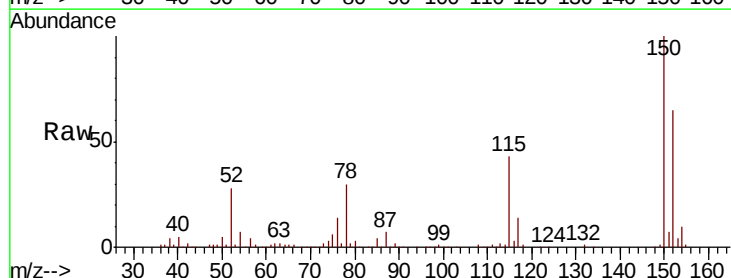
Tgt Ion: 79 Resp: 8391

Ion Ratio Lower Upper

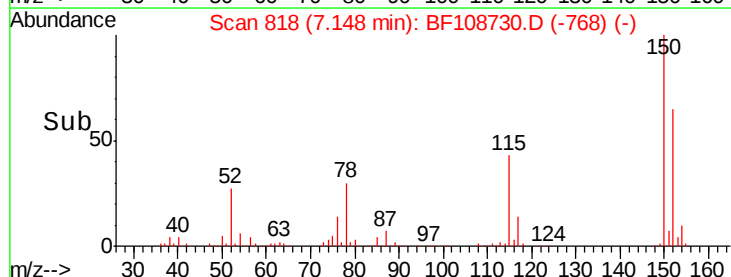
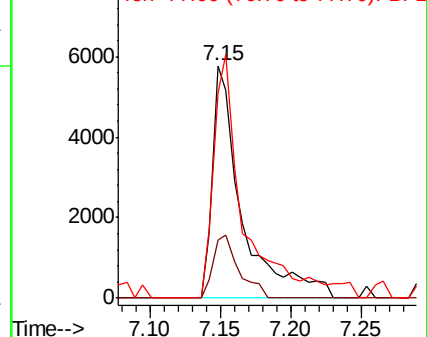
79 100

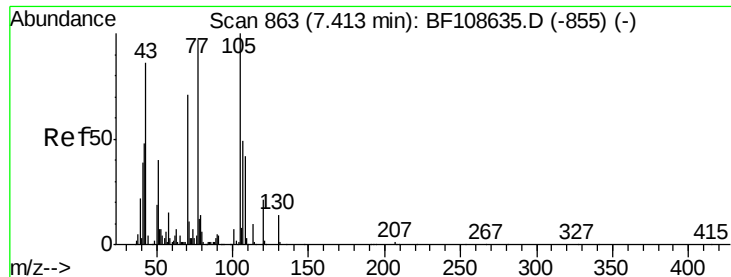
108 24.8 65.1 97.7#

77 88.0 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

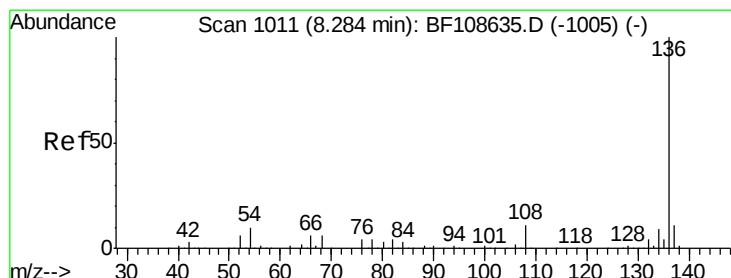
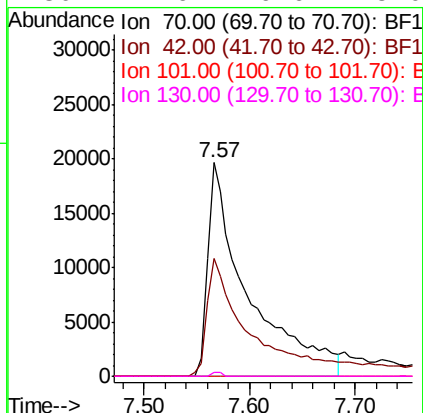
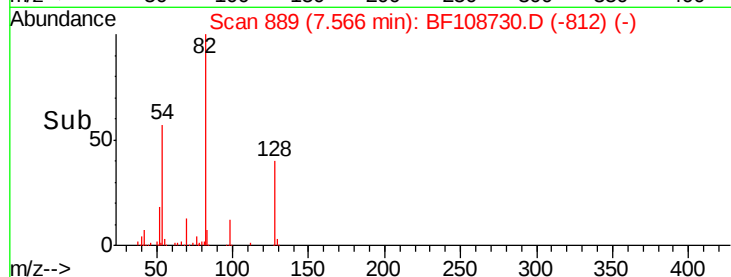
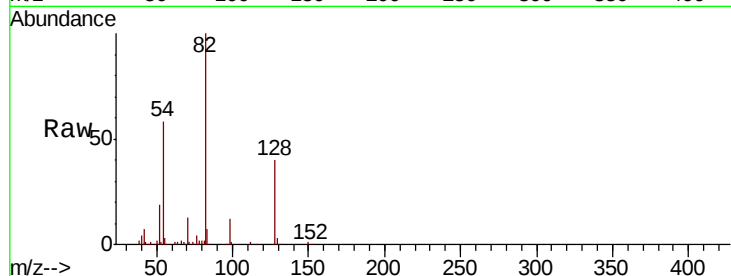




#19
n-Nitroso-di-n-propylamine
Concen: 14.630 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108730.D
Acq: 1 Sep 2018 10:33

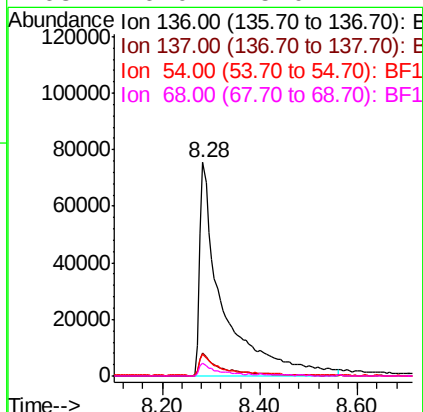
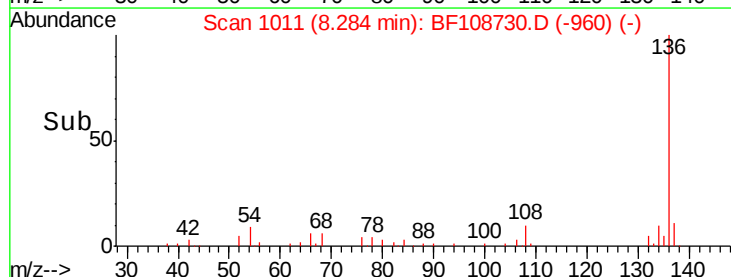
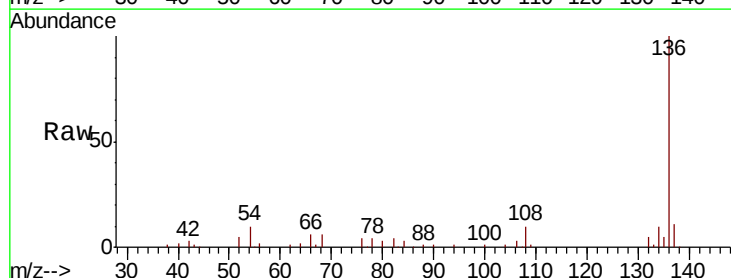
Instrument :
BNA_F
ClientSampleId :

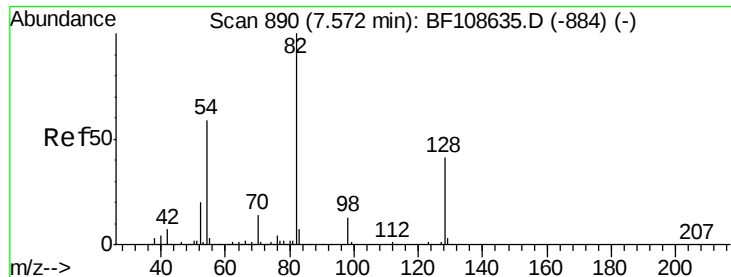
Tot Ion: 70 Resp: 51857
Ion Ratio Lower Upper
70 100
42 55.3 47.5 71.3
101 0.0 7.4 11.2#
130 1.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108730.D
Acq: 1 Sep 2018 10:33

Tgt Ion:136 Resp: 248045
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.3 6.6 9.8#
68 6.0 5.0 7.4

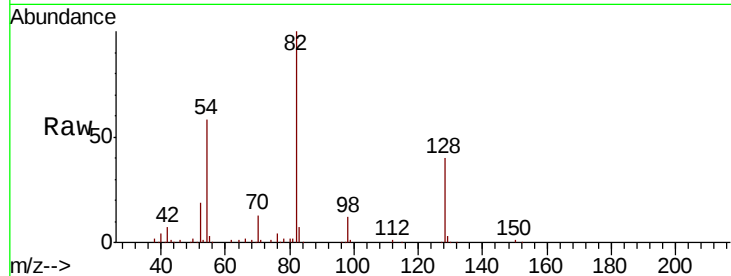




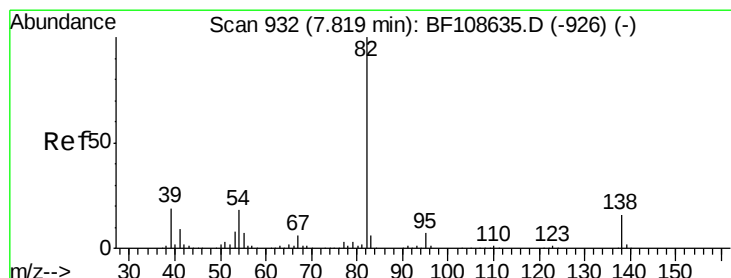
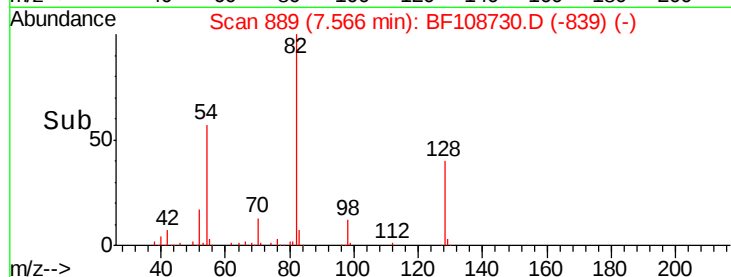
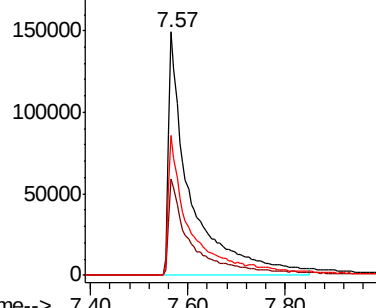
#23
 Nitrobenzene-d5
 Concen: 96.431 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF108730.D
 Acq: 1 Sep 2018 10:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	471233
Ion Ratio	Lower	Upper	
82	100		
128	39.5	36.1	54.1
54	57.6	41.4	62.2

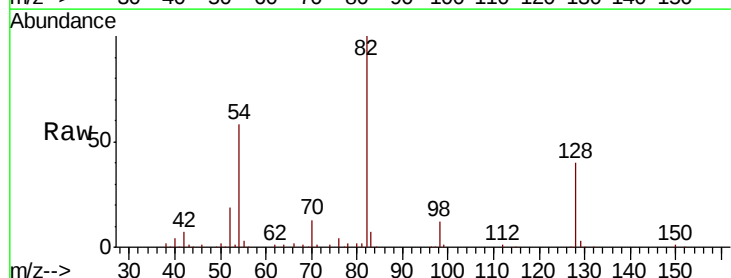


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

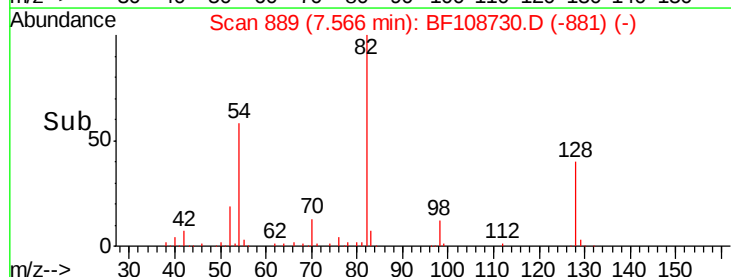
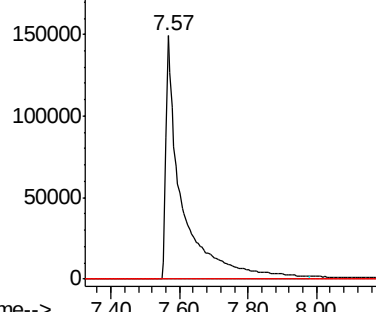


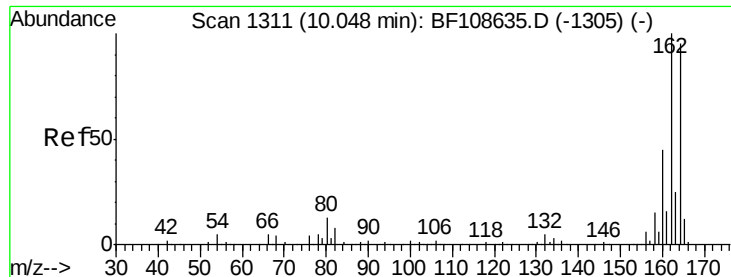
#25
 Isophorone
 Concen: 60.634 ng
 RT: 7.57 min Scan# 889
 Delta R.T. -0.25 min
 Lab File: BF108730.D
 Acq: 1 Sep 2018 10:33

Tgt Ion	82	Resp	492213
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# 1309

Delta R.T. -0.01 min

Lab File: BF108730.D

Acq: 1 Sep 2018 10:33

Instrument :

BNA_F

ClientSampled :

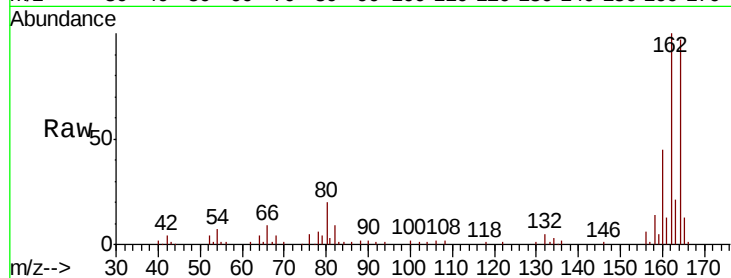
Tot Ion:164 Resp: 102324

Ion Ratio Lower Upper

164 100

162 103.1 86.1 129.1

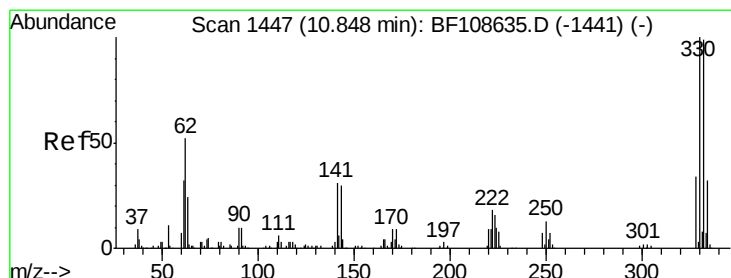
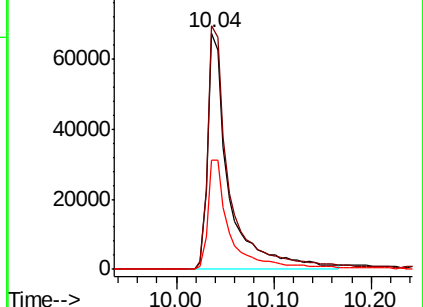
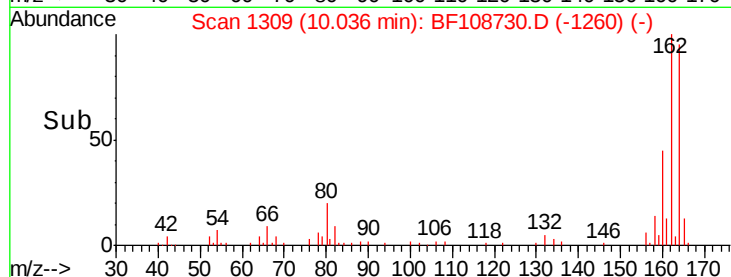
160 46.3 38.3 57.5



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: 80.286 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF108730.D

Acq: 1 Sep 2018 10:33

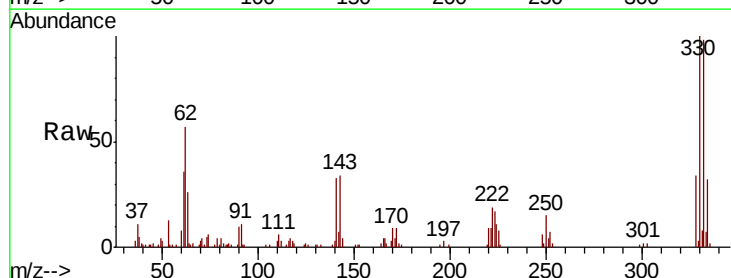
Tgt Ion:330 Resp: 108451

Ion Ratio Lower Upper

330 100

332 98.1 77.0 115.6

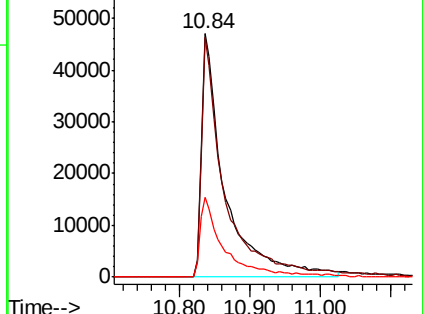
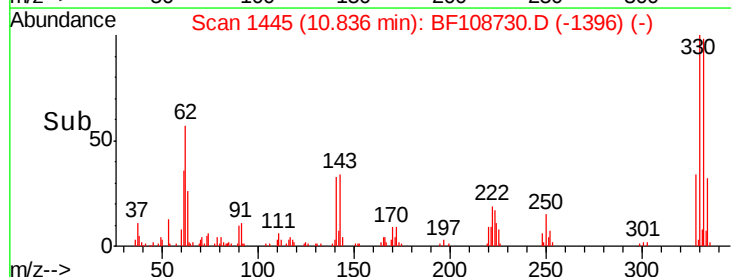
141 33.5 29.9 44.9

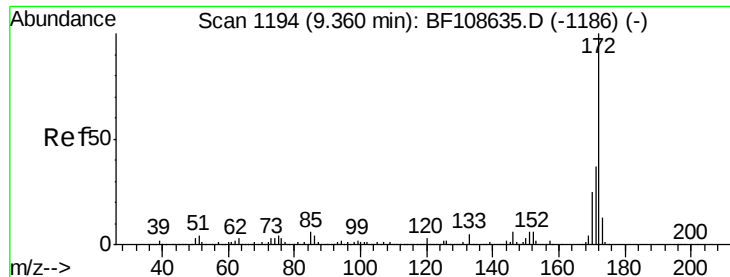


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

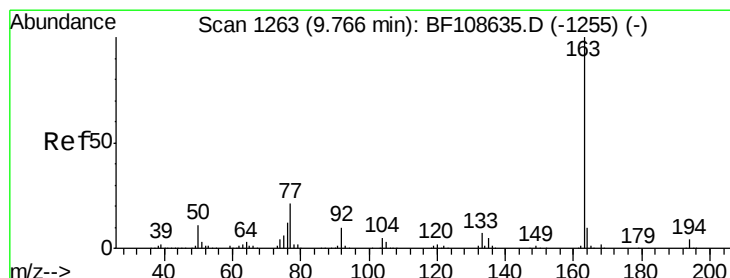
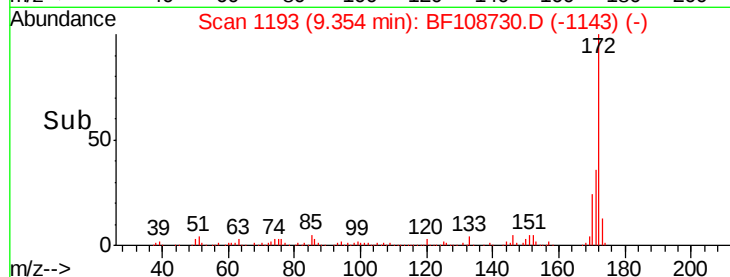
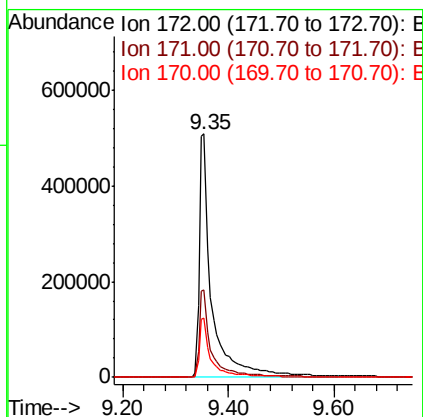
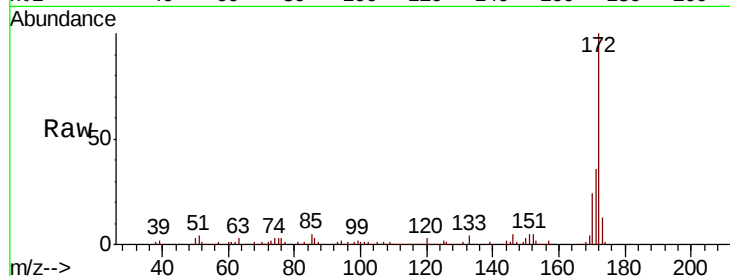




#44
2-Fluorobiphenyl
Concen: 113.280 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108730.D
Acq: 1 Sep 2018 10:33

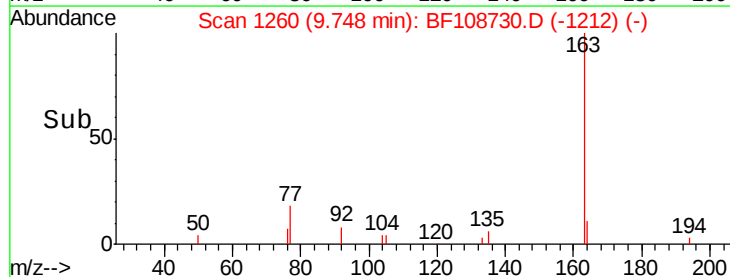
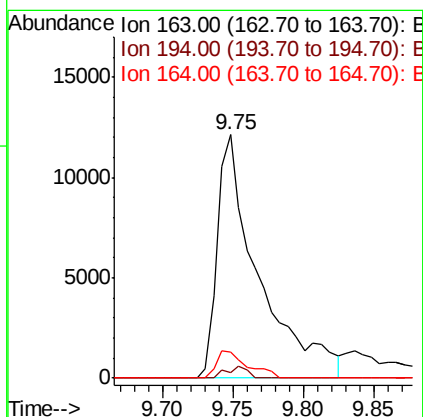
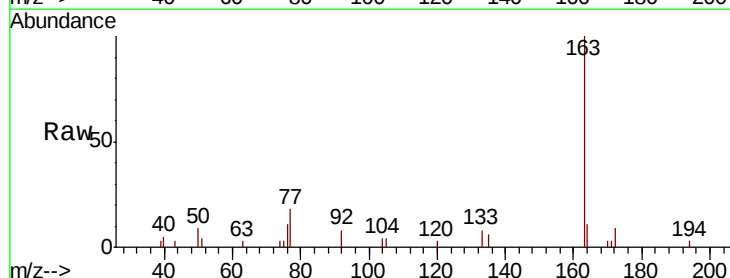
Instrument :
BNA_F
ClientSampleId :

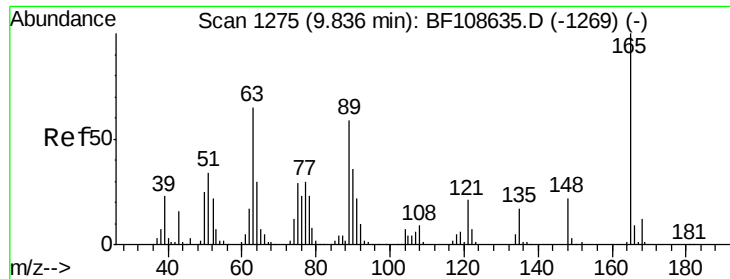
Tot Ion:172 Resp: 862073
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 3.066 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108730.D
Acq: 1 Sep 2018 10:33

Tgt Ion:163 Resp: 24705
Ion Ratio Lower Upper
163 100
194 2.5 2.7 4.1#
164 10.7 8.2 12.2

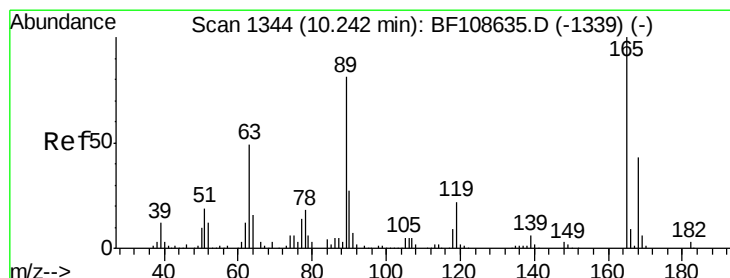
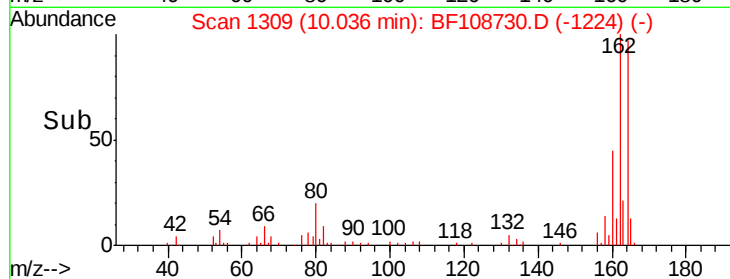
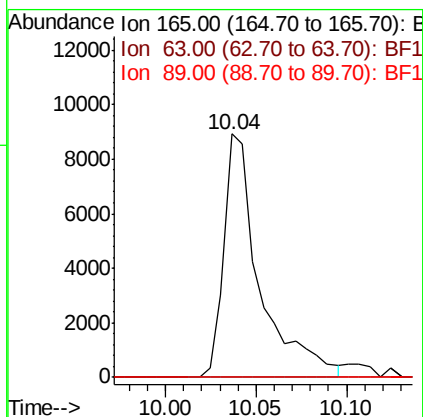
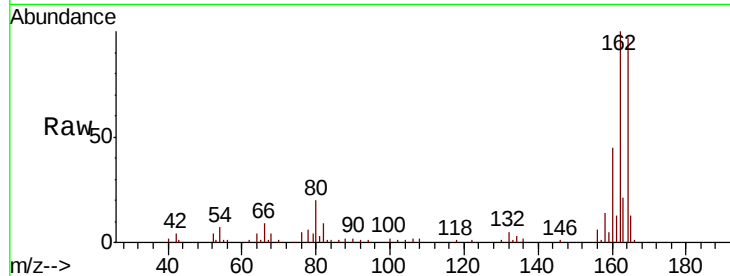




#50
 2,6-Dinitrotoluene
 Concen: 6.956 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. 0.20 min
 Lab File: BF108730.D
 Acq: 1 Sep 2018 10:33

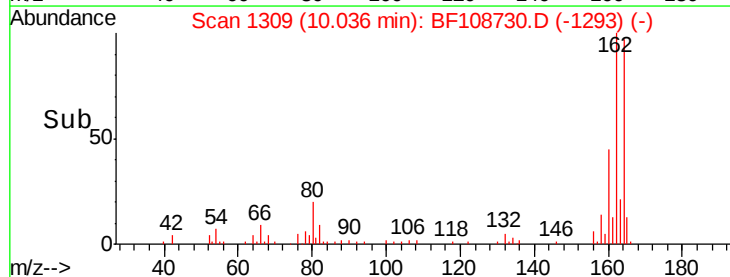
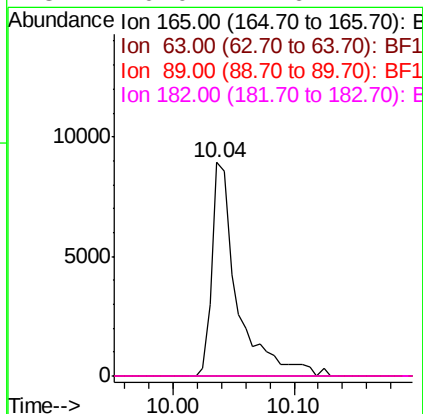
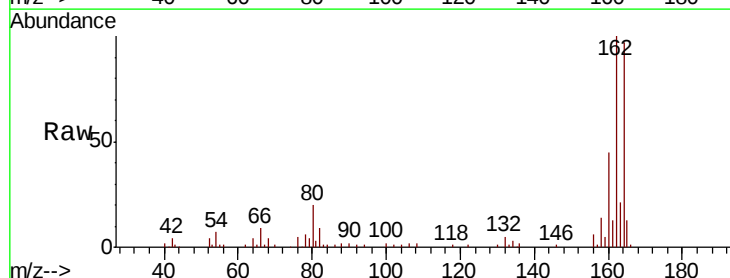
Instrument :
 BNA_F
 ClientSampleId :

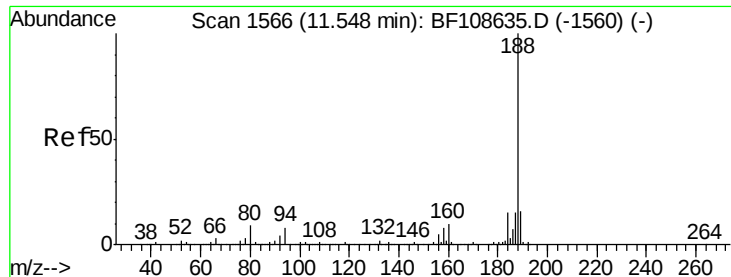
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.506 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.21 min
 Lab File: BF108730.D
 Acq: 1 Sep 2018 10:33

Tgt 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#

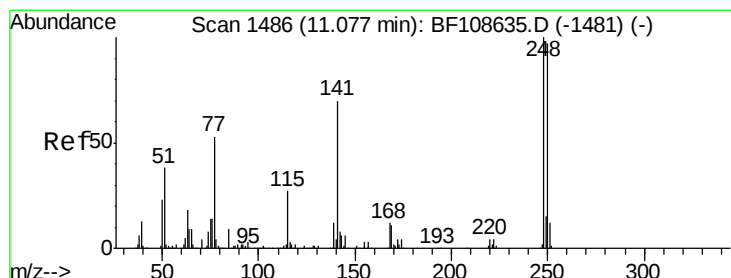
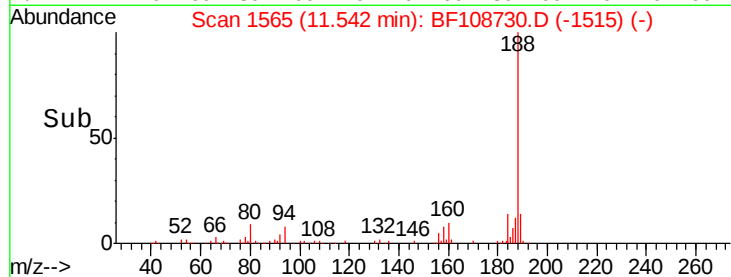
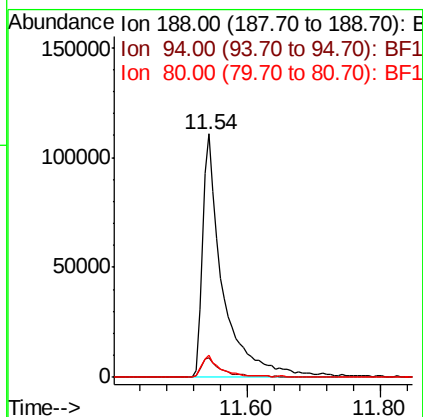
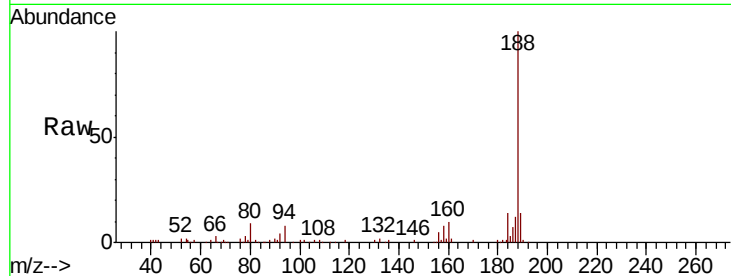




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108730.D
Acq: 1 Sep 2018 10:33

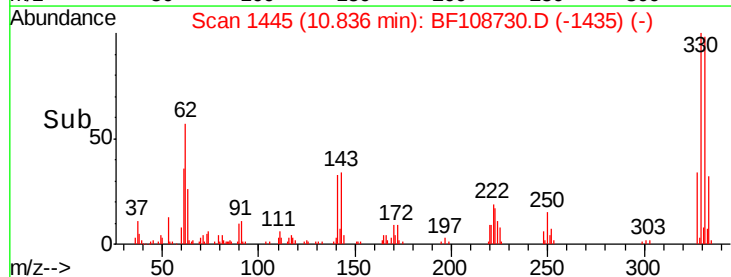
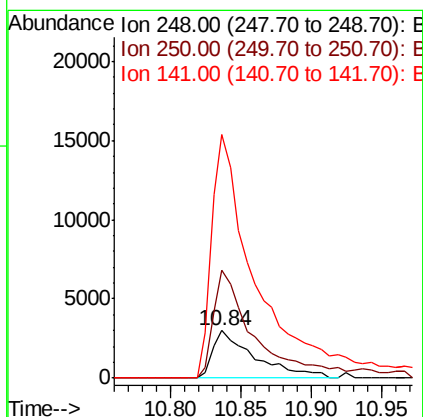
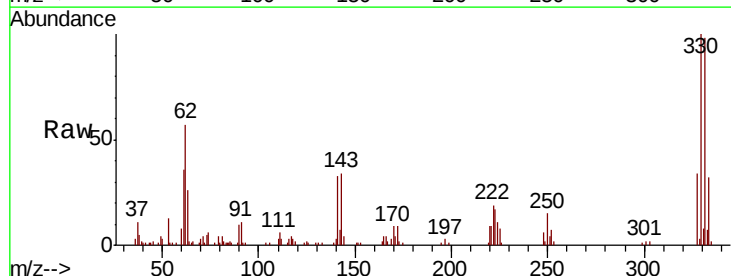
Instrument :
BNA_F
ClientSampled :

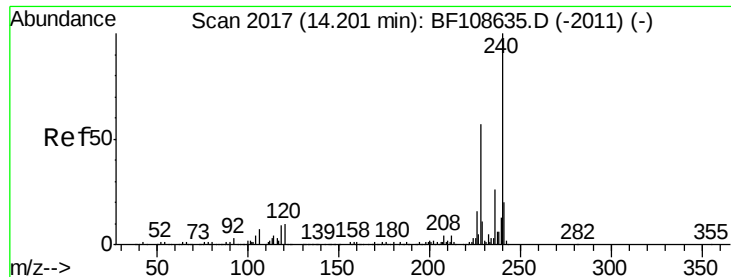
Tot Ion:188 Resp: 230716
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 9.0 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.188 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108730.D
Acq: 1 Sep 2018 10:33

Tgt Ion:248 Resp: 6203
Ion Ratio Lower Upper
248 100
250 229.0 76.9 115.3#
141 513.7 74.4 111.6#

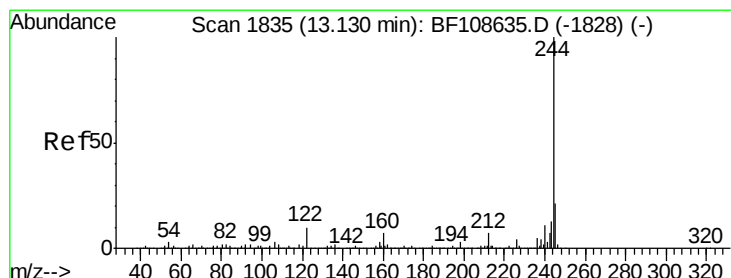
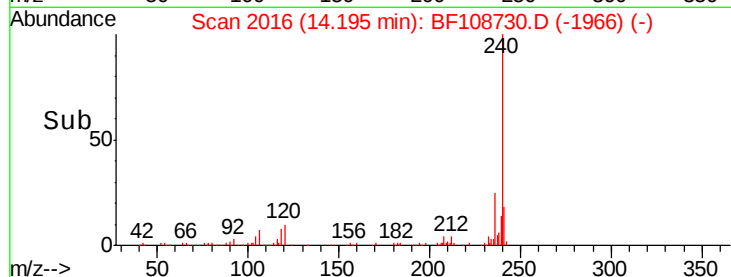
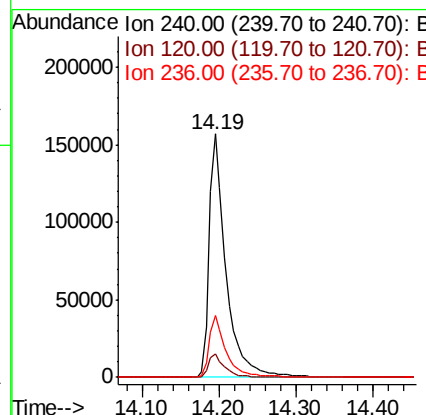
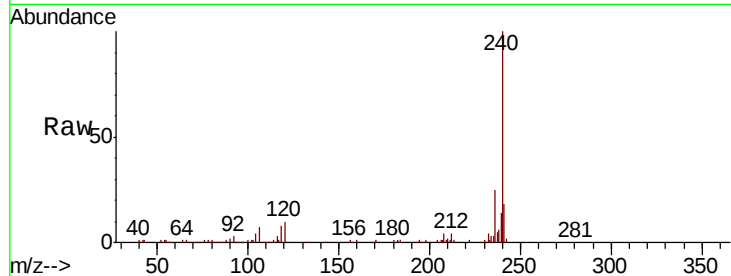




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.19 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108730.D
 Acq: 1 Sep 2018 10:33

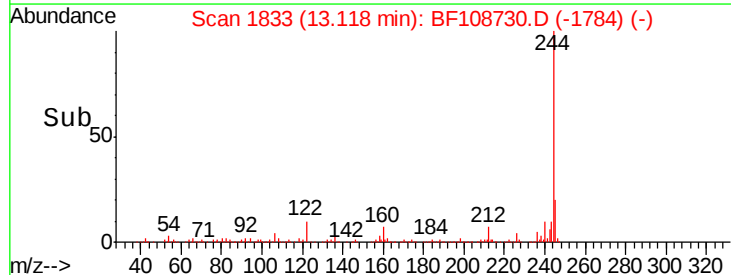
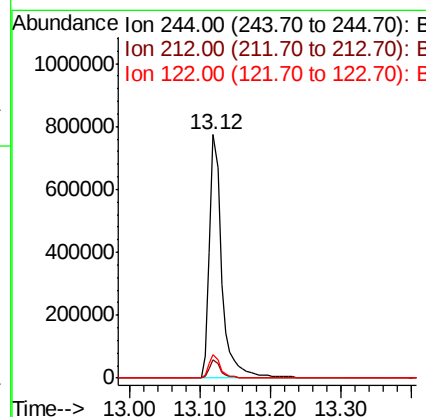
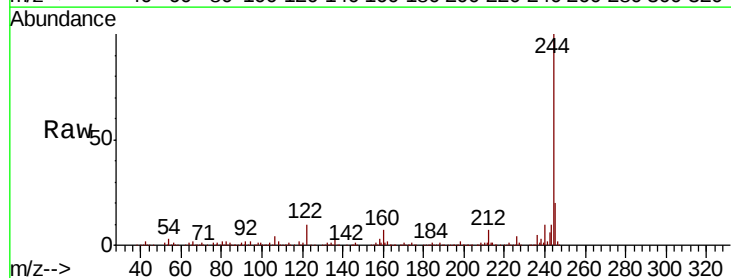
Instrument :
 BNA_F
 ClientSampleId :

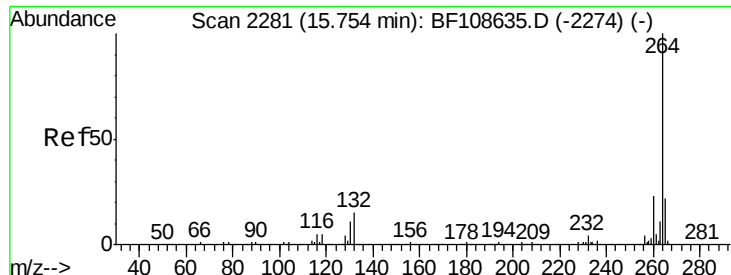
Tot Ion:240 Resp: 237238
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.5 14.3
 236 25.3 20.7 31.1



#78
 Terphenyl-d14
 Concen: 77.711 ng
 RT: 13.12 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF108730.D
 Acq: 1 Sep 2018 10:33

Tgt Ion:244 Resp: 948872
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 9.9 11.0 16.4#

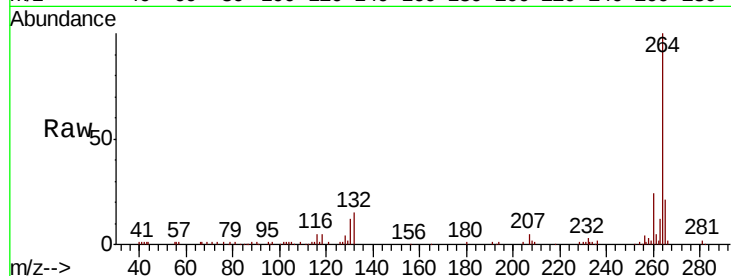




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108730.D
 Acq: 1 Sep 2018 10:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 165828
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.8 17.5 26.3



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

