

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108725.D
 Acq On : 1 Sep 2018 8:16
 Operator : JU/SJ
 Sample : J4729-11
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 02:01:36 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	66328	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	255970	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	112876	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	248163	20.00	ng	0.00
75) Chrysene-d12	14.19	240	230457	20.00	ng	0.00
86) Perylene-d12	15.75	264	154243	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	27433	7.19	ng	0.02
7) Phenol-d6	6.66	99	108260	19.80	ng	0.01
23) Nitrobenzene-d5	7.57	82	521182	103.35	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	117722	79.00	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	1000737	119.21	ng	0.00
78) Terphenyl-d14	13.12	244	1062325	89.56	ng	-0.01

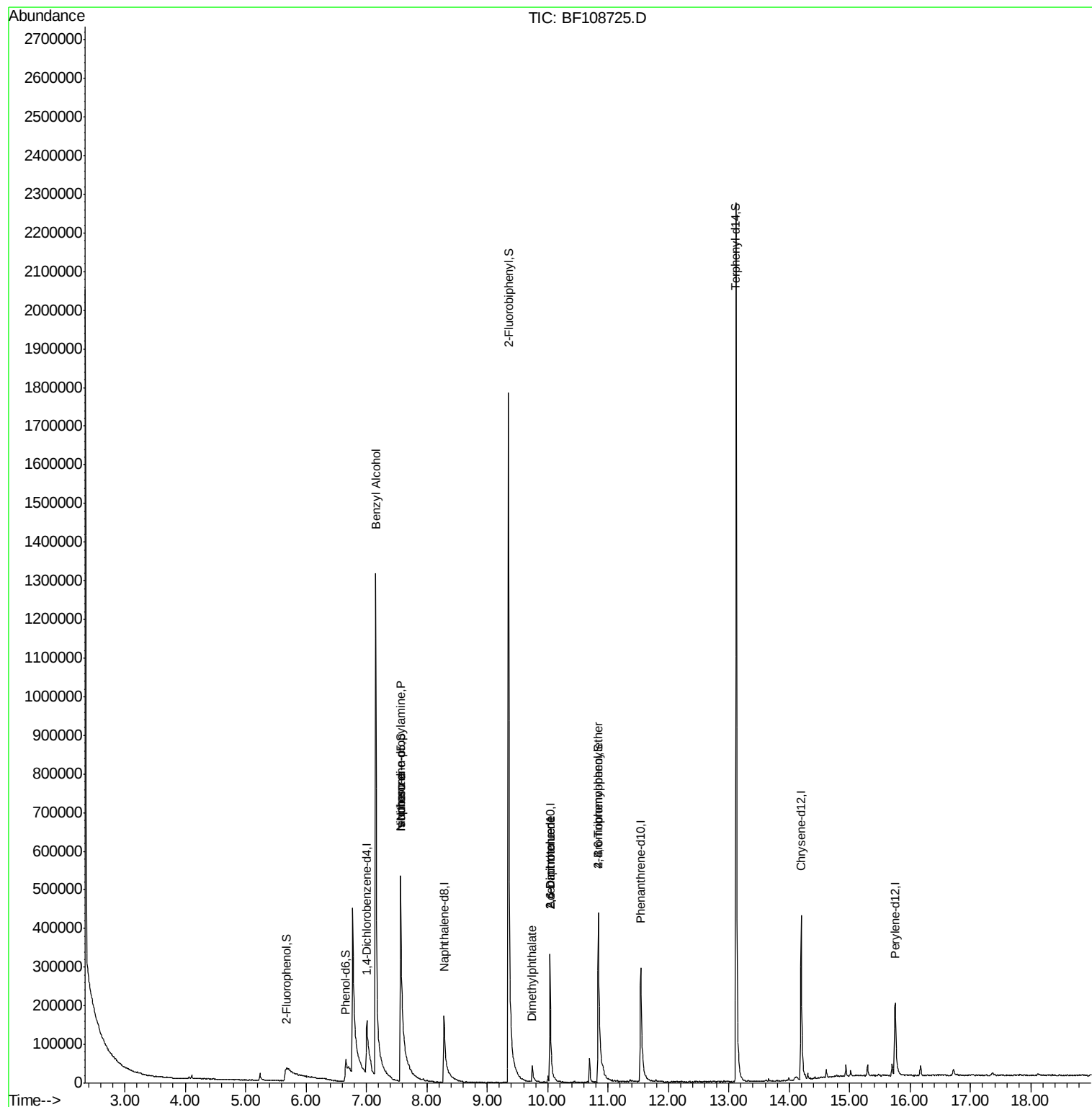
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.15	79	9186	2.335	ng	# 45
19) n-Nitroso-di-n-propylamine	7.57	70	59472	16.240	ng	# 86
25) Isophorone	7.57	82	527843	63.010	ng	# 64
49) Dimethylphthalate	9.74	163	41213	4.637	ng	# 95
50) 2,6-Dinitrotoluene	10.04	165	13241	6.758	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	13786	5.314	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	7296	2.392	ng	# 1

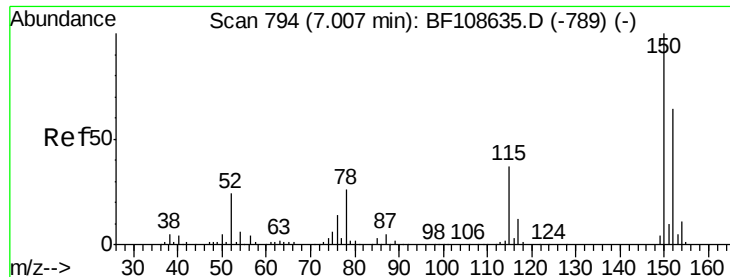
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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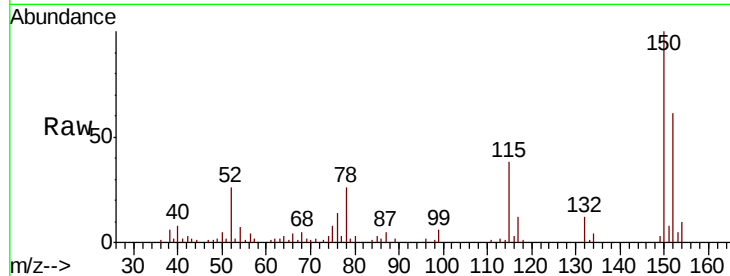


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108725.D
Acq: 1 Sep 2018 8:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.1	124.6	186.8
115	62.7	50.1	75.1

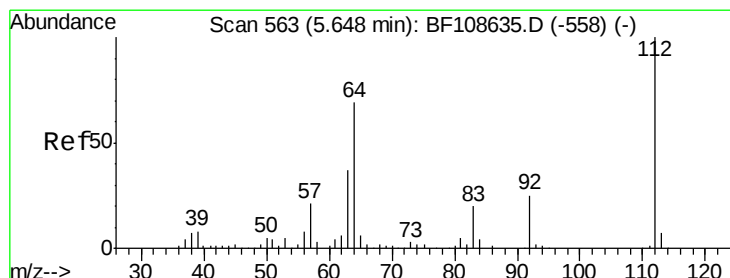
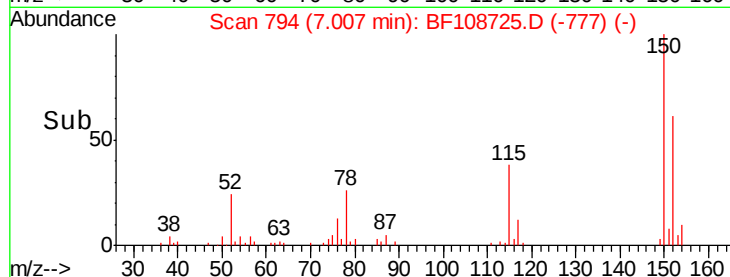
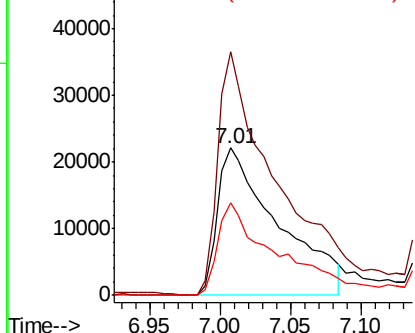


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

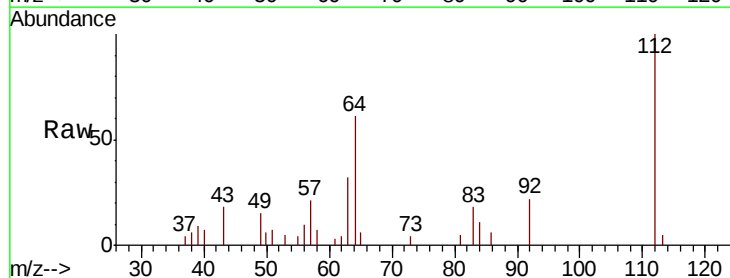
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 7.185 ng
RT: 5.67 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF108725.D
Acq: 1 Sep 2018 8:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.6	47.9	71.9
63	31.9	23.7	35.5

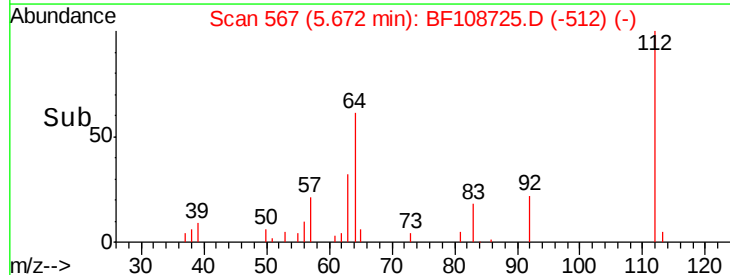
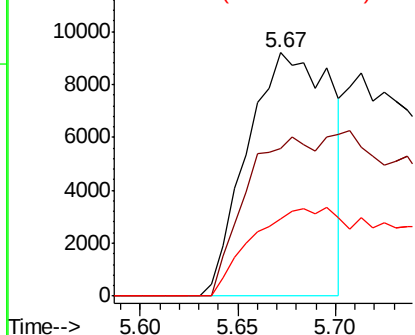


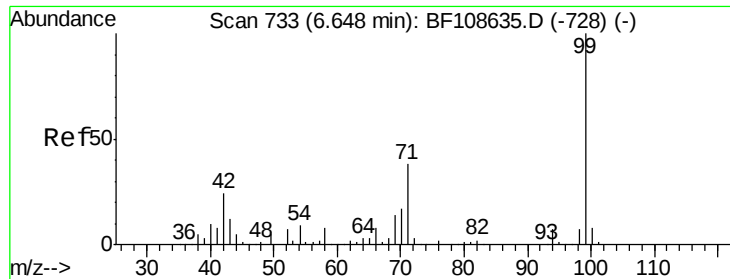
Abundance

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: 19.797 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108725.D

Acq: 1 Sep 2018 8:16

Instrument :

BNA_F

ClientSampled :

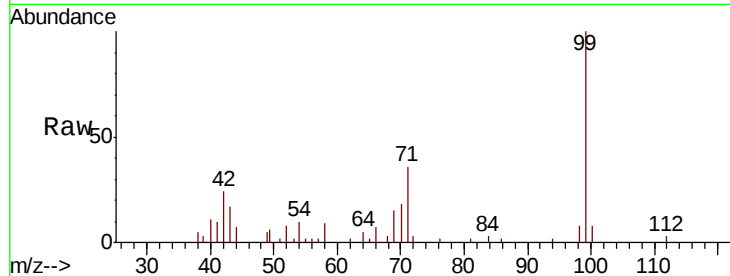
Tot Ion: 99 Resp: 108260

Ion Ratio Lower Upper

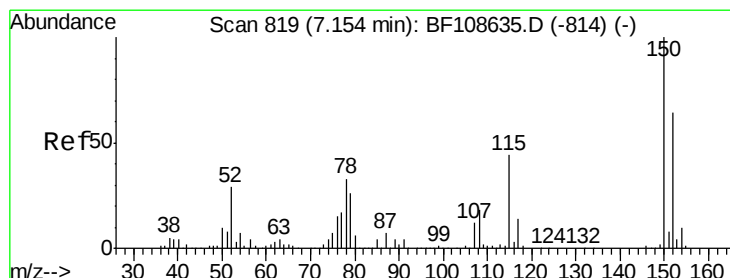
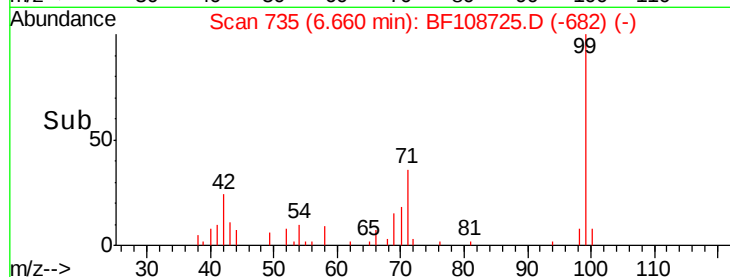
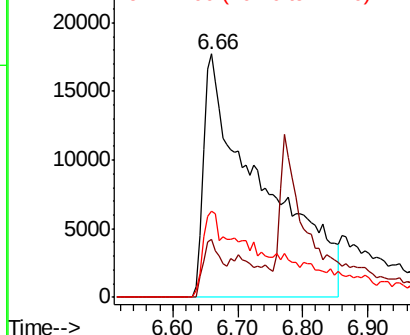
99 100

42 23.7 14.5 21.7#

71 35.6 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: 2.335 ng

RT: 7.15 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF108725.D

Acq: 1 Sep 2018 8:16

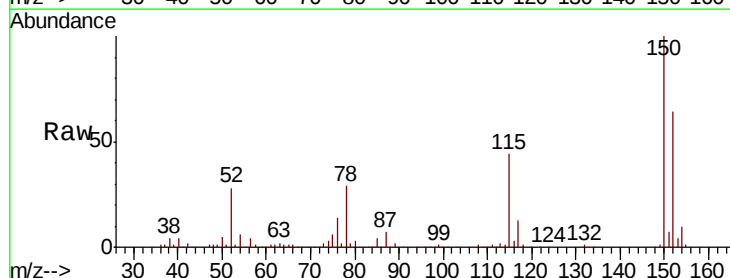
Tgt Ion: 79 Resp: 9186

Ion Ratio Lower Upper

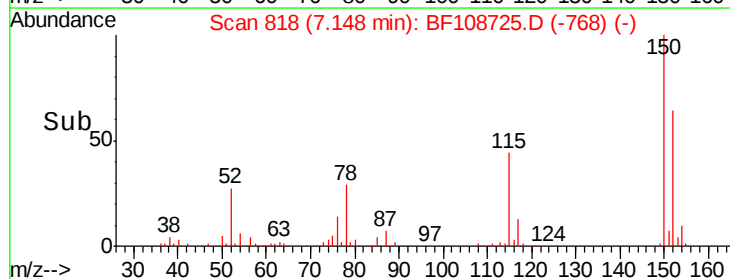
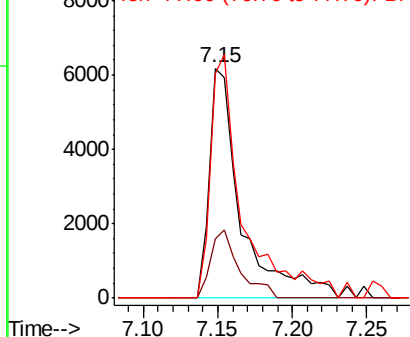
79 100

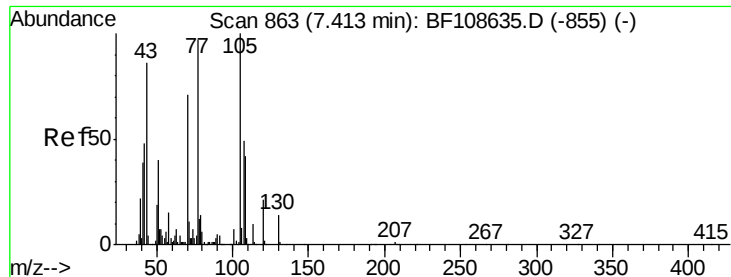
108 25.7 65.1 97.7#

77 97.8 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

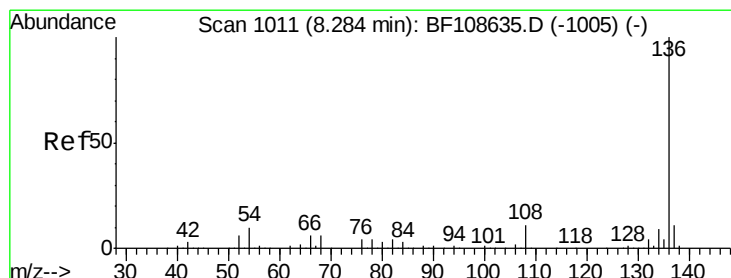
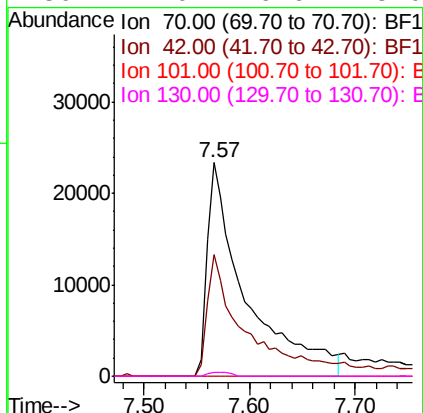
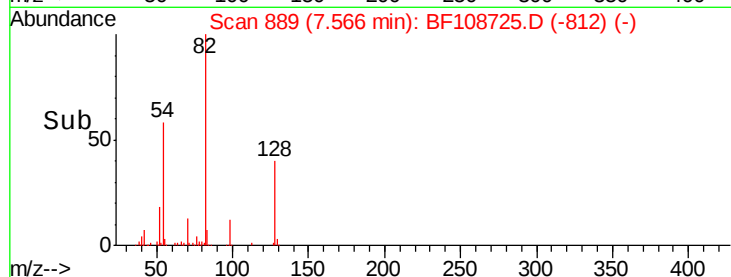
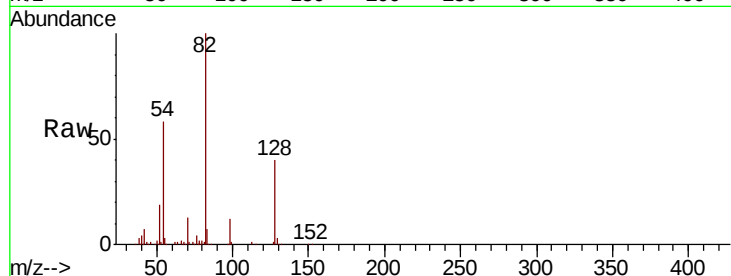




#19
n-Nitroso-di-n-propylamine
Concen: 16.240 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108725.D
Acq: 1 Sep 2018 8:16

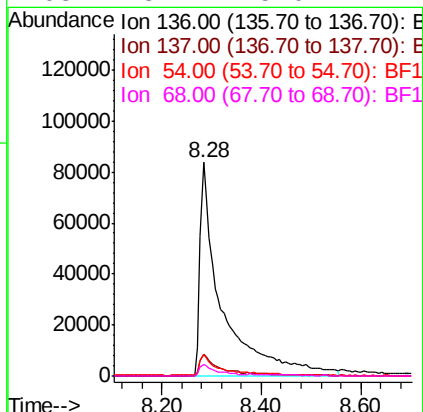
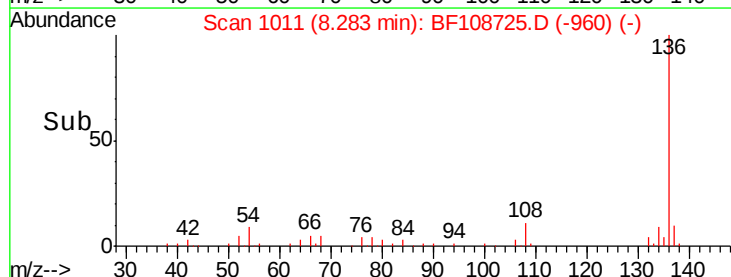
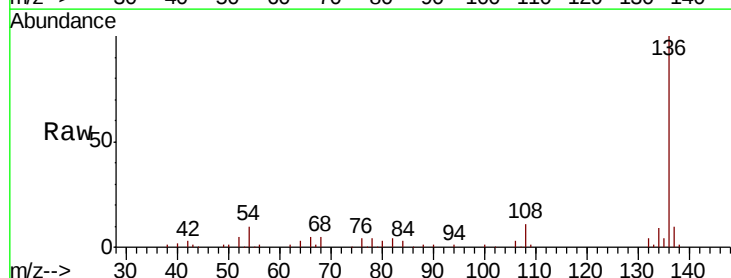
Instrument :
BNA_F
ClientSampleId :

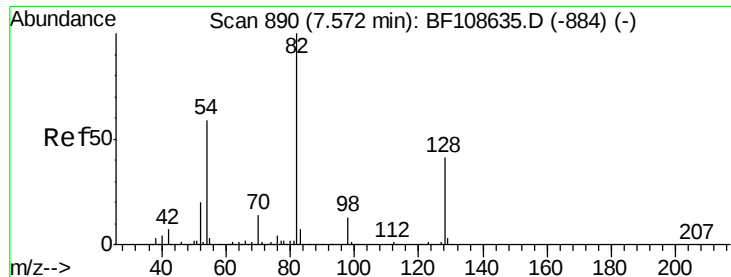
Tot Ion: 70 Resp: 59472
Ion Ratio Lower Upper
70 100
42 56.7 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108725.D
Acq: 1 Sep 2018 8:16

Tgt Ion: 136 Resp: 255970
Ion Ratio Lower Upper
136 100
137 10.2 8.9 13.3
54 10.4 6.6 9.8#
68 5.2 5.0 7.4

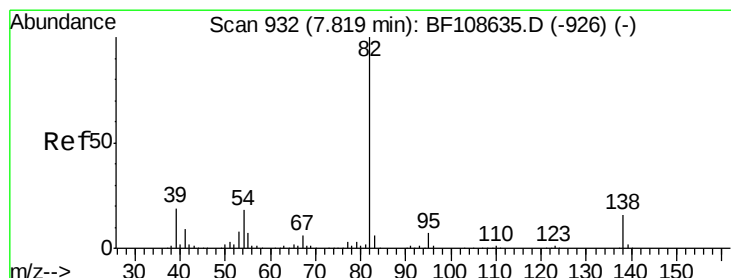
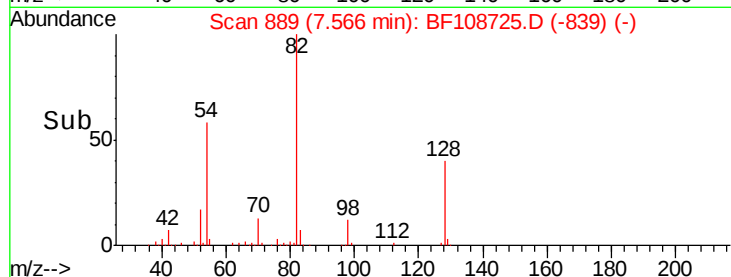
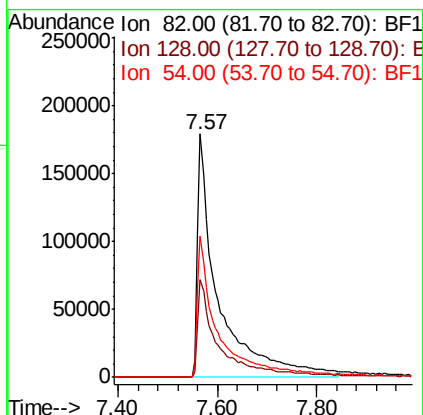
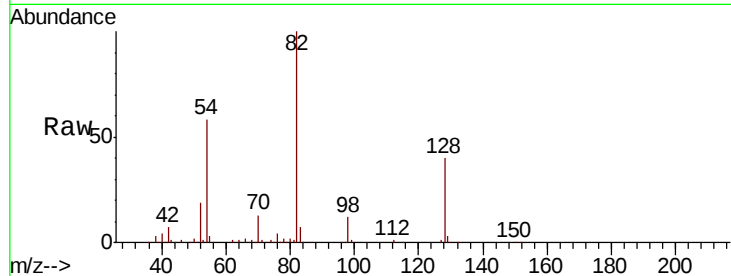




#23
Nitrobenzene-d5
Concen: 103.350 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108725.D
Acq: 1 Sep 2018 8:16

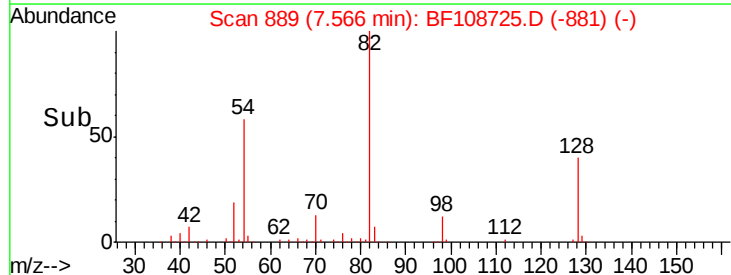
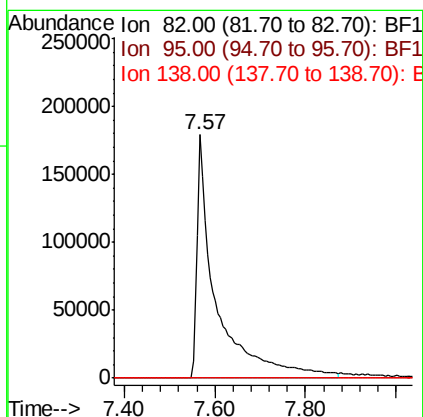
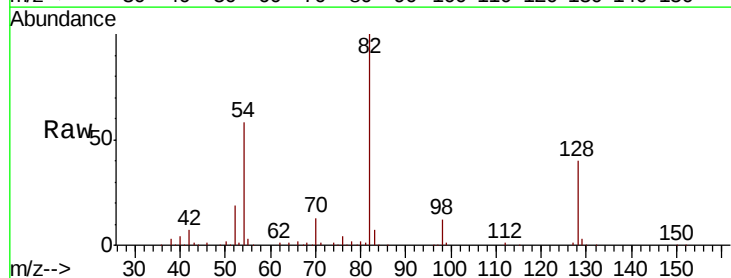
Instrument :
BNA_F
ClientSampled :

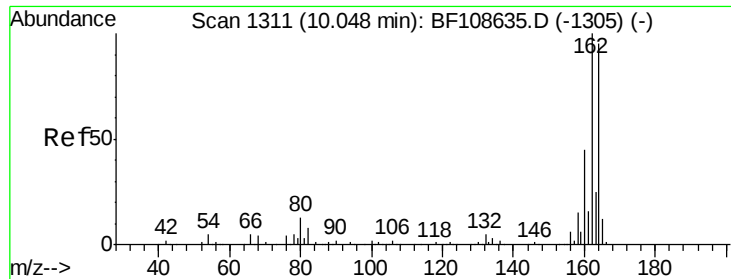
Tot Ion	82	Resp	521182
Ion Ratio	Lower	Upper	
82	100		
128	40.0	36.1	54.1
54	58.1	41.4	62.2



#25
Isophorone
Concen: 63.010 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108725.D
Acq: 1 Sep 2018 8:16

Tgt Ion	82	Resp	527843
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

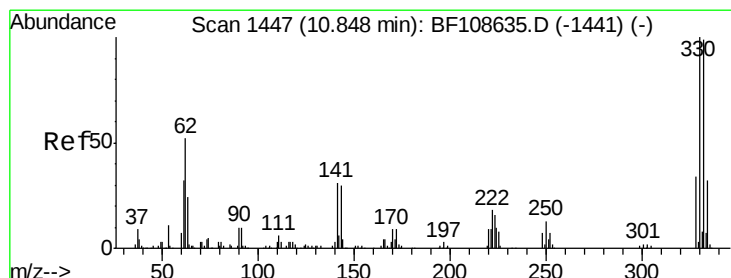
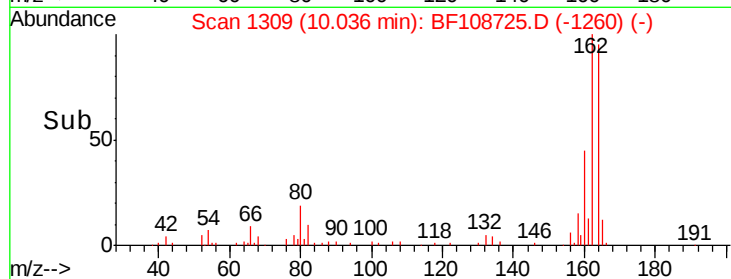
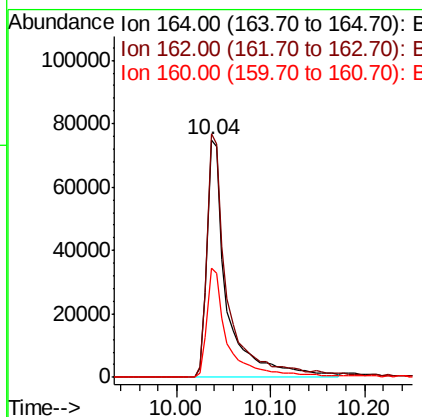
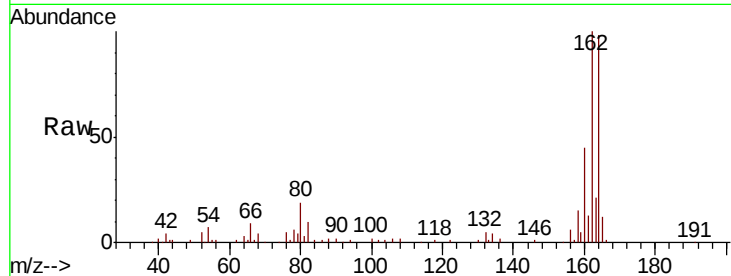




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF108725.D
 Acq: 1 Sep 2018 8:16

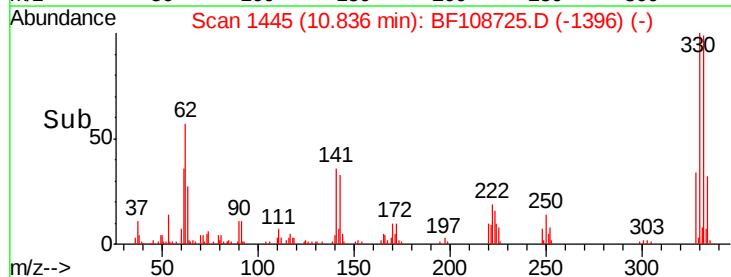
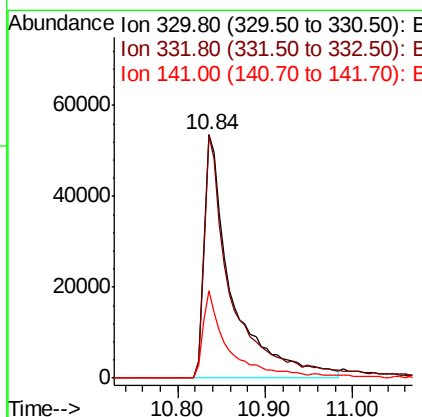
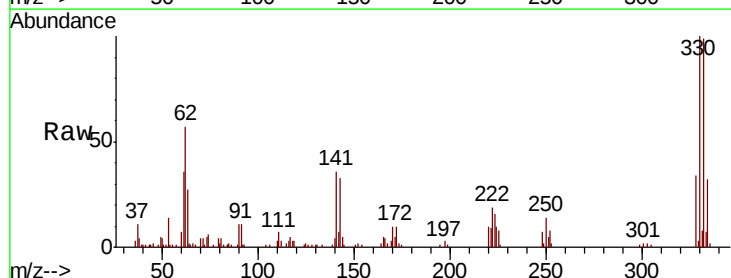
Instrument :
 BNA_F
 ClientSampled :

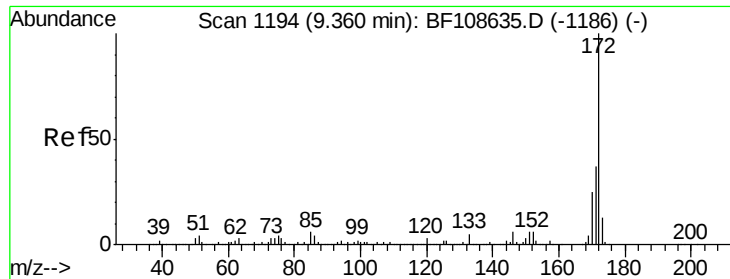
Tot Ion:164 Resp: 112876
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 46.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 79.003 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108725.D
 Acq: 1 Sep 2018 8:16

Tgt Ion:330 Resp: 117722
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.0 115.6
 141 32.2 29.9 44.9



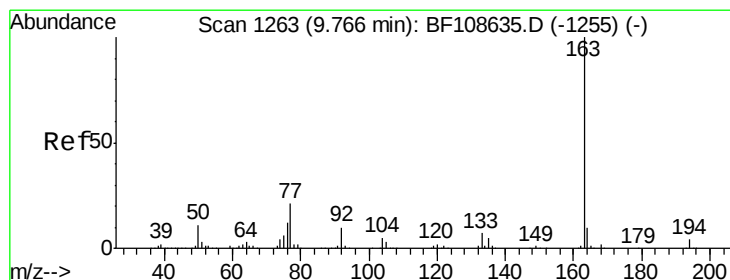
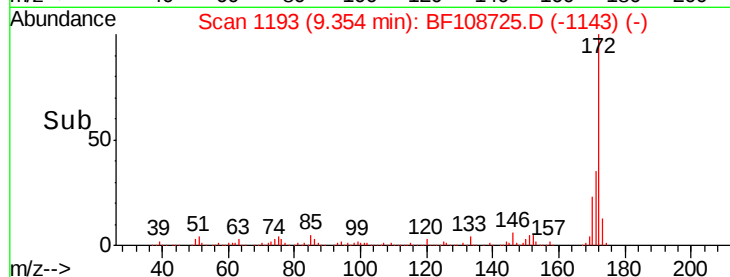
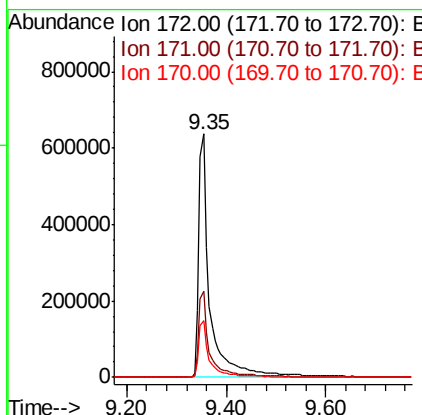
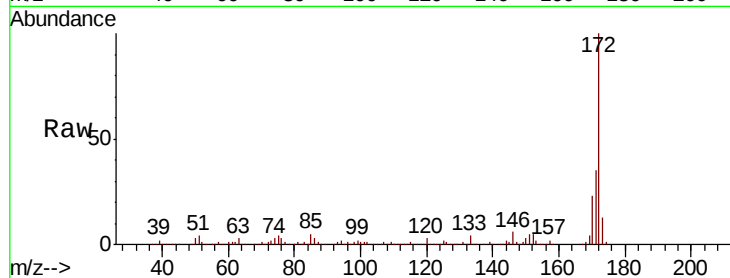


#44
 2-Fluorobiphenyl
 Concen: 119.208 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108725.D
 Acq: 1 Sep 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1000737

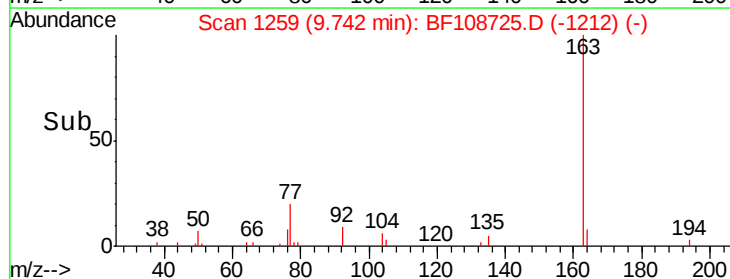
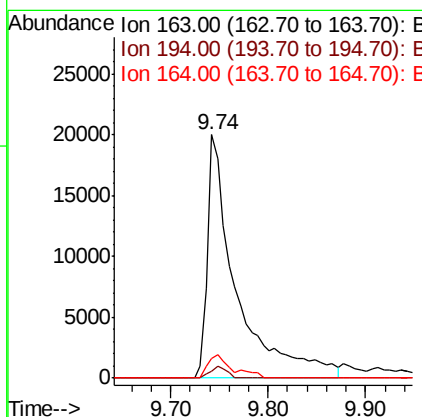
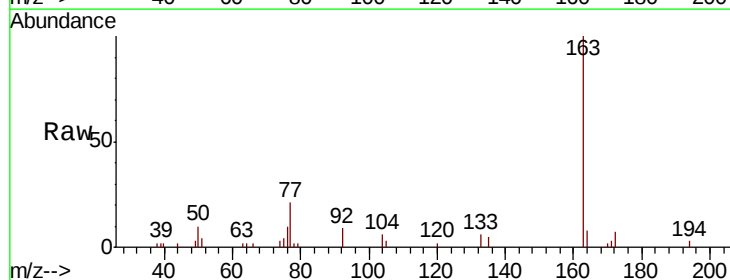
Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.5	19.6	29.4

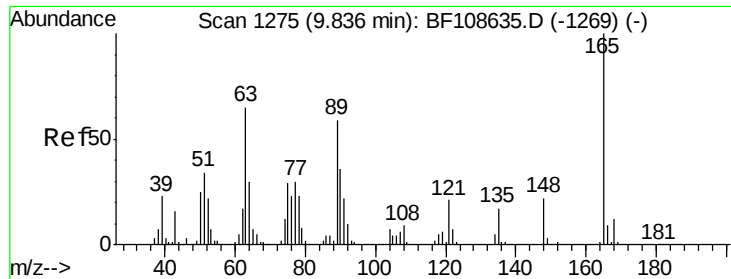


#49
 Dimethylphthalate
 Concen: 4.637 ng
 RT: 9.74 min Scan# 1259
 Delta R.T. -0.02 min
 Lab File: BF108725.D
 Acq: 1 Sep 2018 8:16

Tgt Ion:163 Resp: 41213

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.7	4.1
164	8.0	8.2	12.2#

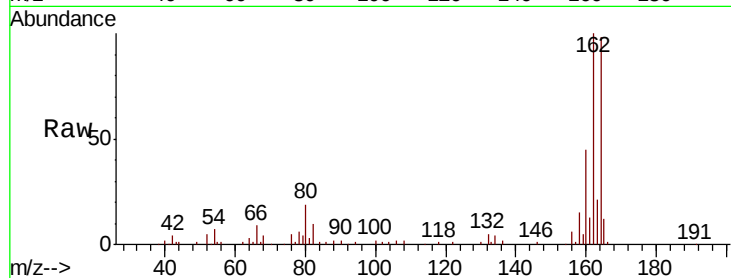




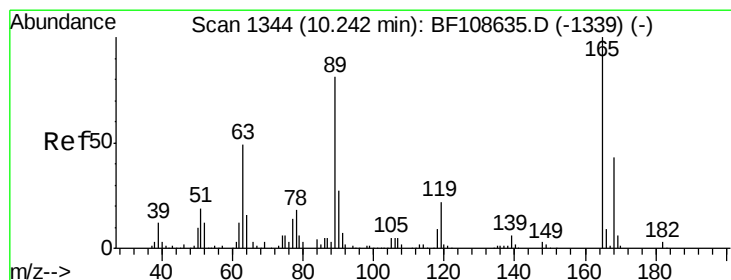
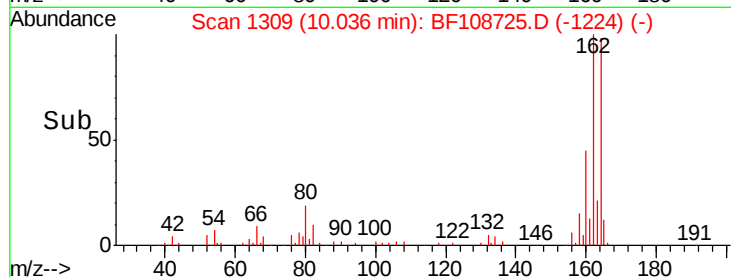
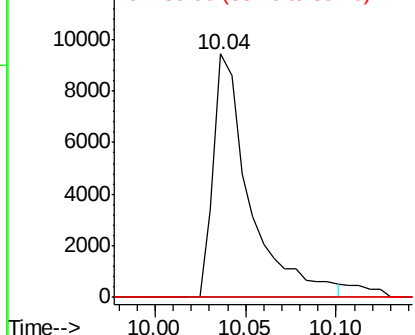
#50
 2,6-Dinitrotoluene
 Concen: 6.758 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. 0.20 min
 Lab File: BF108725.D
 Acq: 1 Sep 2018 8:16

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#



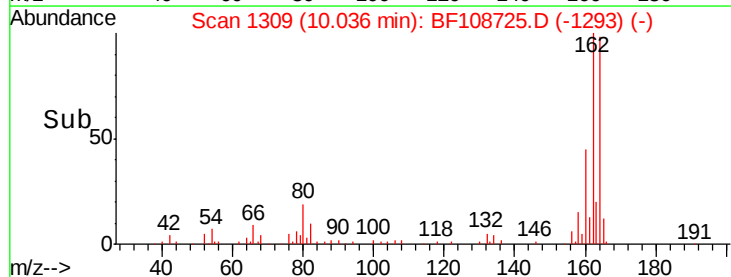
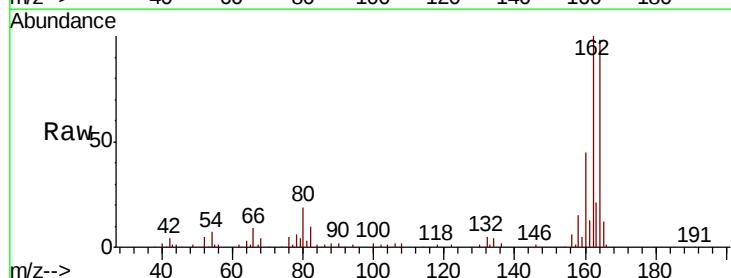
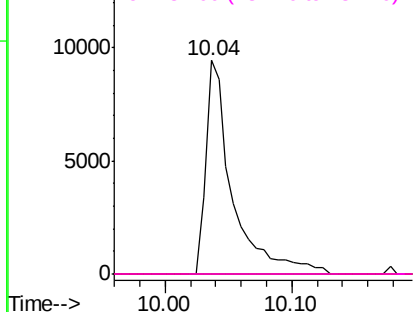
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

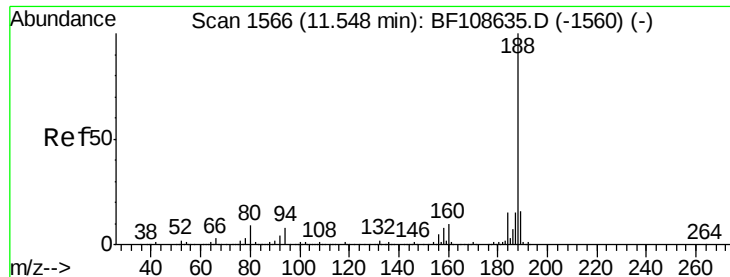


#56
 2,4-Dinitrotoluene
 Concen: 5.314 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.21 min
 Lab File: BF108725.D
 Acq: 1 Sep 2018 8:16

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#

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

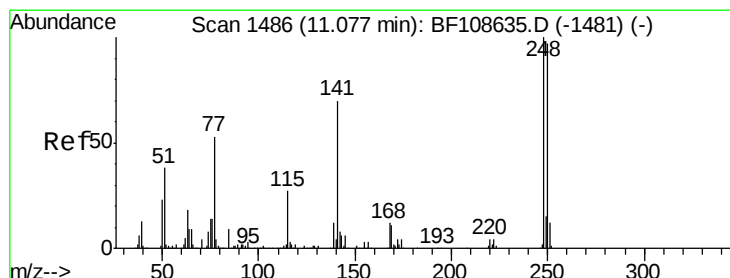
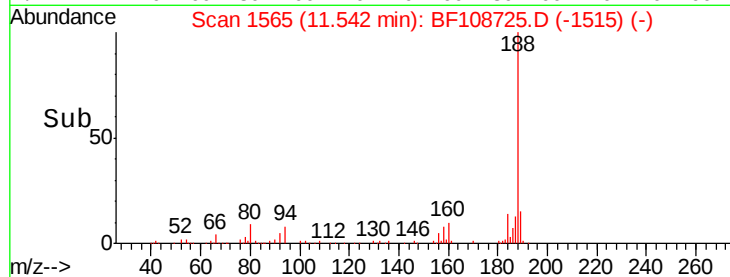
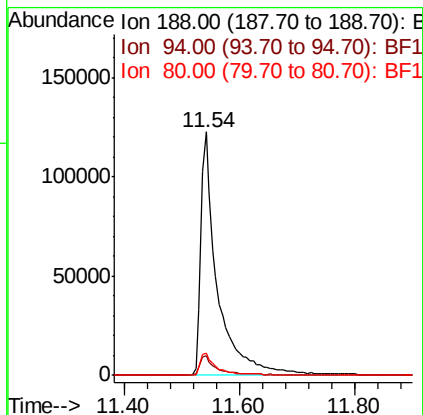
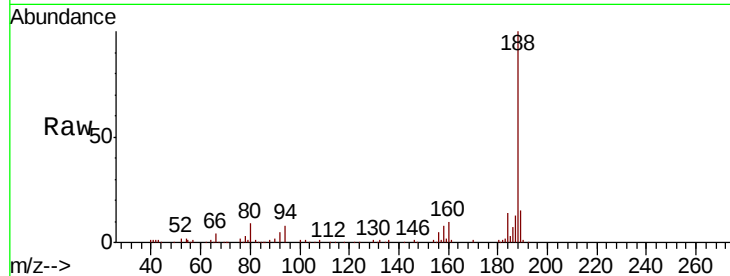




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108725.D
 Acq: 1 Sep 2018 8:16

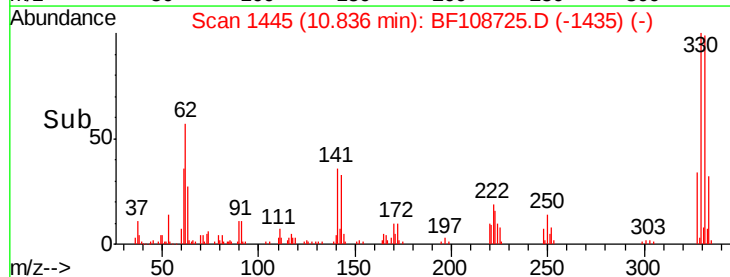
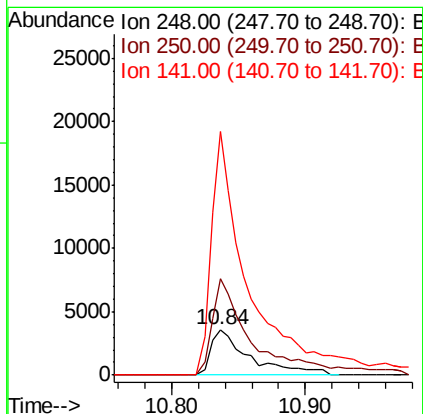
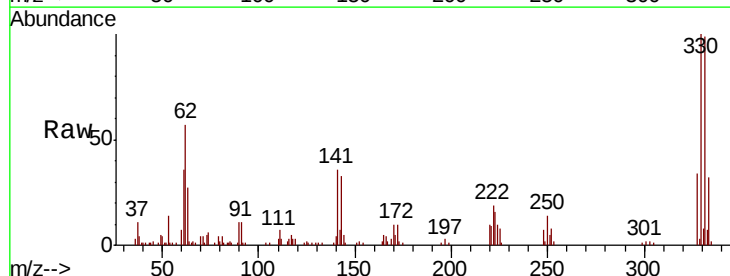
Instrument :
 BNA_F
 ClientSampleId :

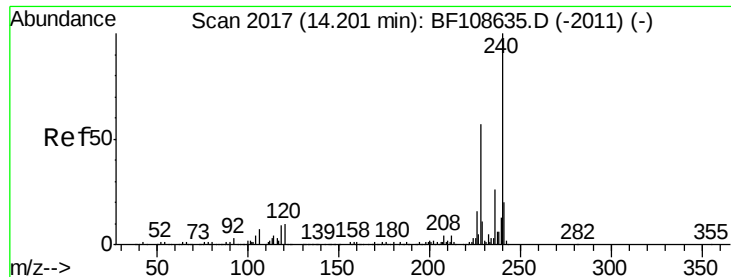
Tot Ion:188 Resp: 248163
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.5 12.7#
 80 9.0 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.392 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108725.D
 Acq: 1 Sep 2018 8:16

Tgt Ion:248 Resp: 7296
 Ion Ratio Lower Upper
 248 100
 250 211.4 76.9 115.3#
 141 537.4 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: BF108725.D

Acq: 1 Sep 2018 8:16

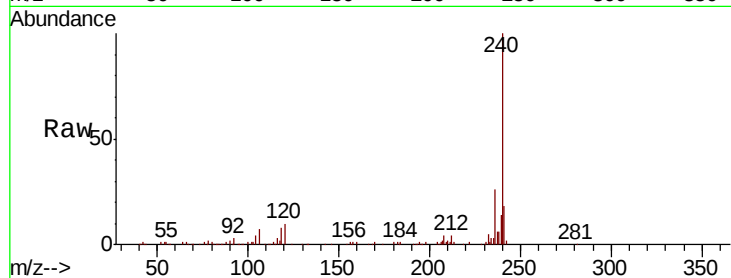
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 230457

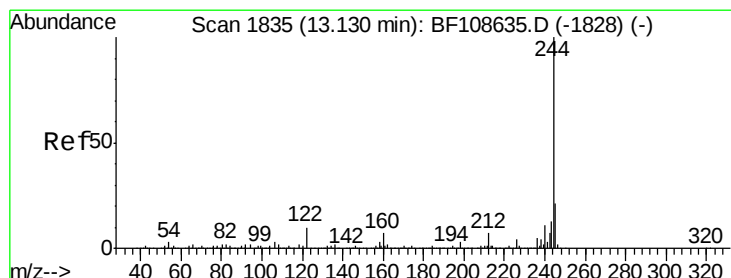
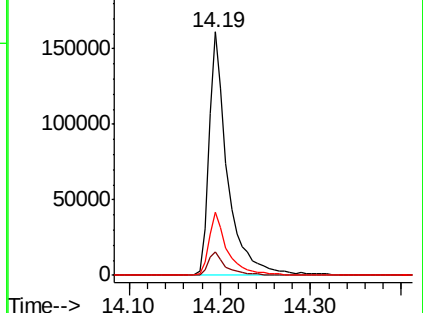
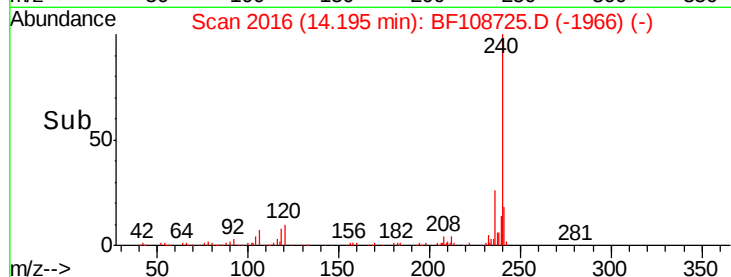
Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	25.9	20.7	31.1



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: 89.563 ng

RT: 13.12 min Scan# 1833

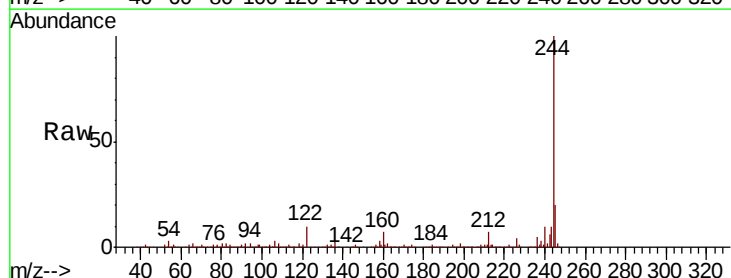
Delta R.T. -0.01 min

Lab File: BF108725.D

Acq: 1 Sep 2018 8:16

Tgt Ion:244 Resp: 1062325

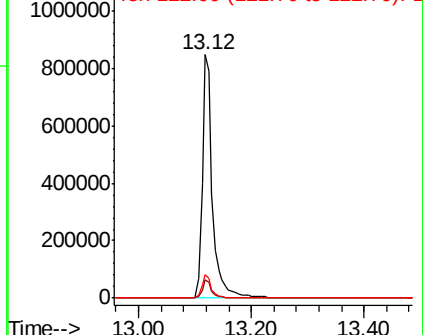
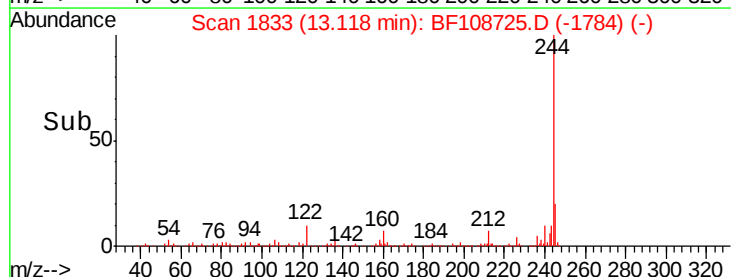
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	9.8	11.0	16.4#

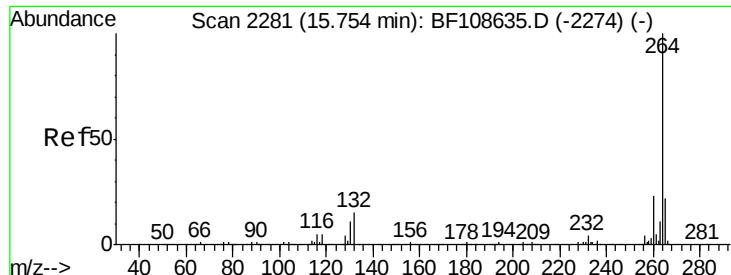


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF108725.D
 Acq: 1 Sep 2018 8:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.2	28.8
265	22.2	17.5	26.3

