

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108723.D
 Acq On : 1 Sep 2018 7:22
 Operator : JU/SJ
 Sample : J4729-09
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 02:01:17 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

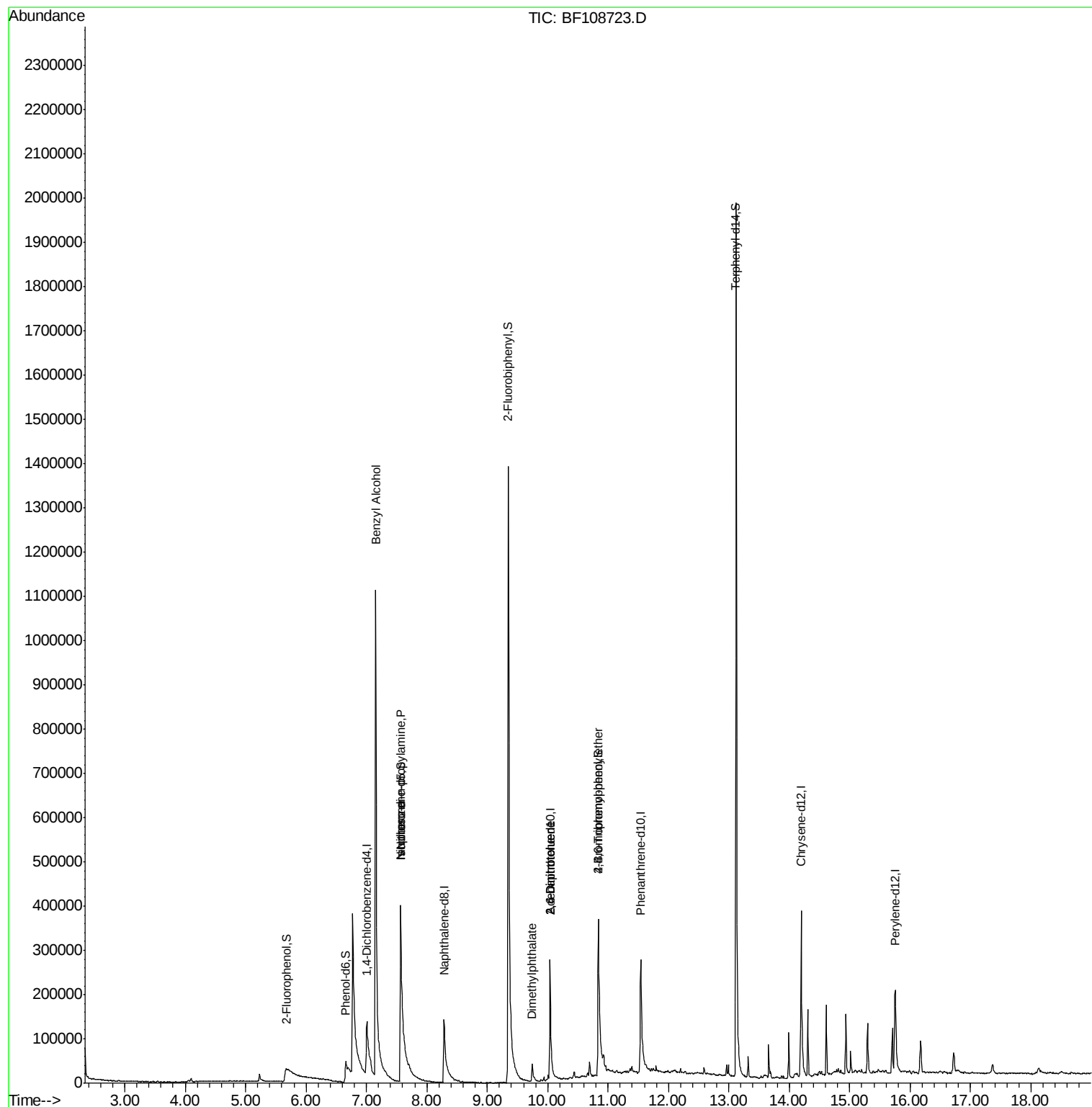
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	57617	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	218459	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	98210	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	202263	20.00	ng	0.00
75) Chrysene-d12	14.19	240	209603	20.00	ng	0.00
86) Perylene-d12	15.75	264	147388	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	14290	4.31	ng	0.02
7) Phenol-d6	6.66	99	98416	20.72	ng	0.01
23) Nitrobenzene-d5	7.57	82	448541	104.22	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	103382	79.74	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	822448	112.60	ng	0.00
78) Terphenyl-d14	13.12	244	906543	84.03	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	7.15	79	7003	2.049	ng	# 38
19) n-Nitroso-di-n-propylamine	7.57	70	50883	15.995	ng	# 80
25) Isophorone	7.57	82	464126	64.917	ng	# 64
49) Dimethylphthalate	9.75	163	38567	4.987	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	11687	6.856	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	12636	5.598	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	5766	2.320	ng	# 1

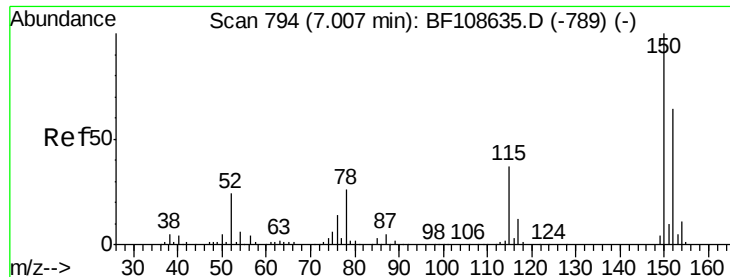
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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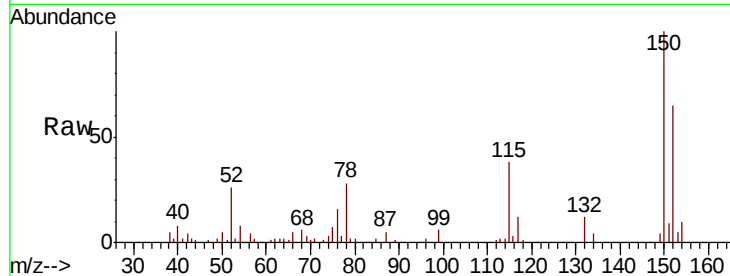


#1

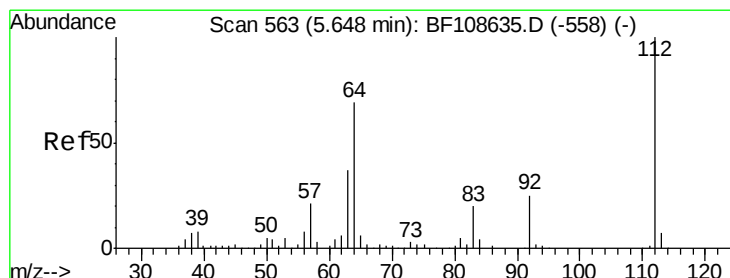
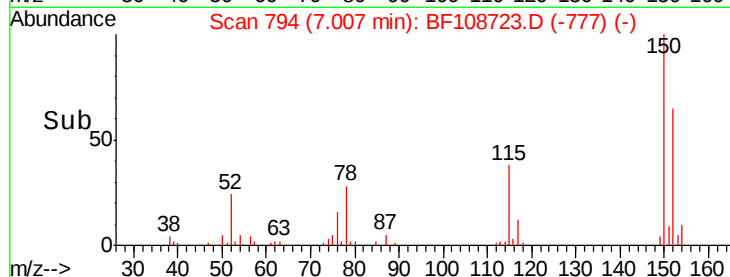
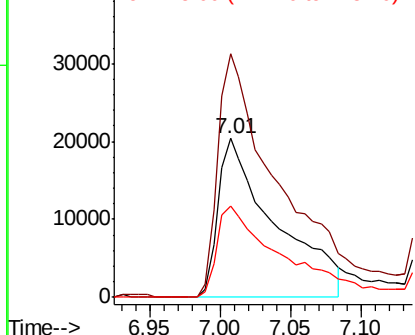
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF108723.D
Acq: 1 Sep 2018 7:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 57617
Ion Ratio Lower Upper
152 100
150 153.5 124.6 186.8
115 57.9 50.1 75.1



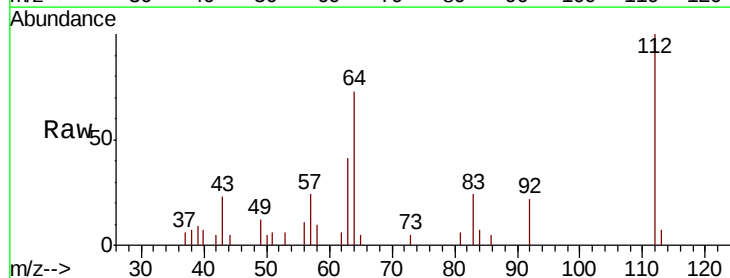
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



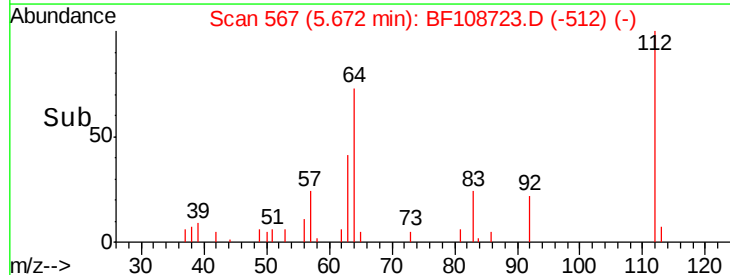
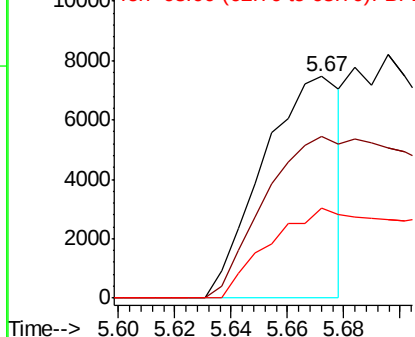
#5

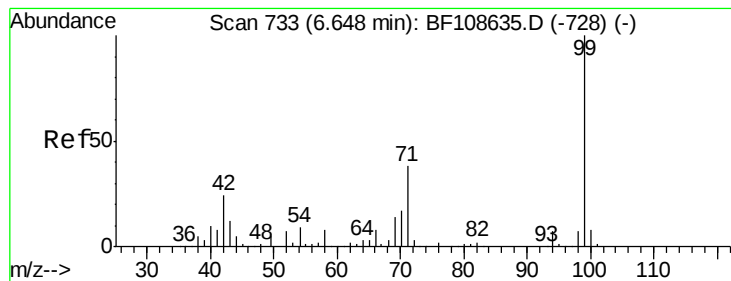
2-Fluorophenol
Concen: 4.309 ng
RT: 5.67 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF108723.D
Acq: 1 Sep 2018 7:22

Tgt Ion:112 Resp: 14290
Ion Ratio Lower Upper
112 100
64 72.8 47.9 71.9#
63 40.7 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: 20.718 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108723.D

Acq: 1 Sep 2018 7:22

Instrument :

BNA_F

ClientSampleId :

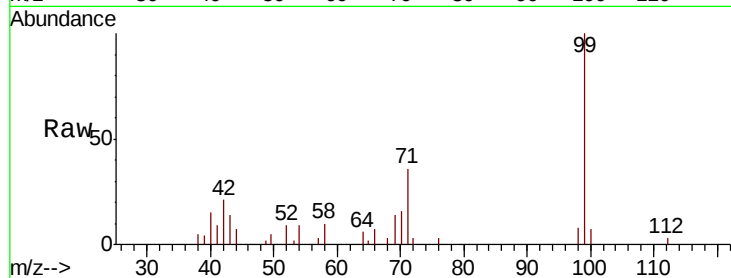
Tot Ion: 99 Resp: 98416

Ion Ratio Lower Upper

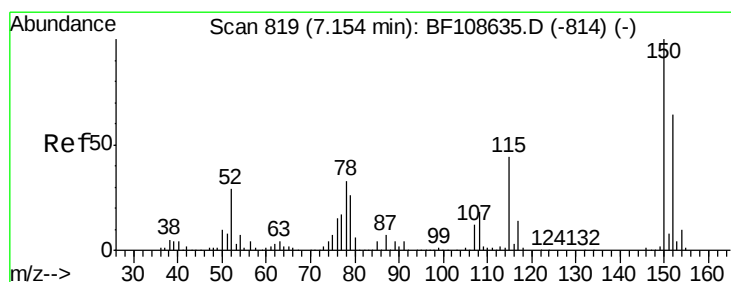
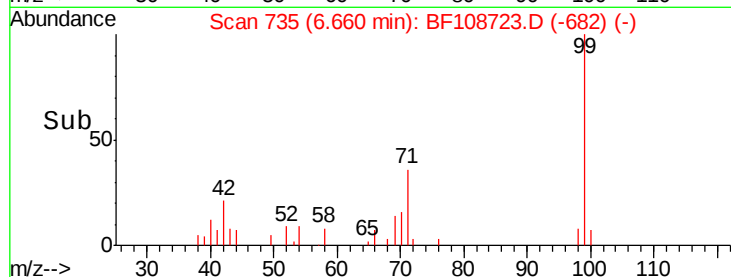
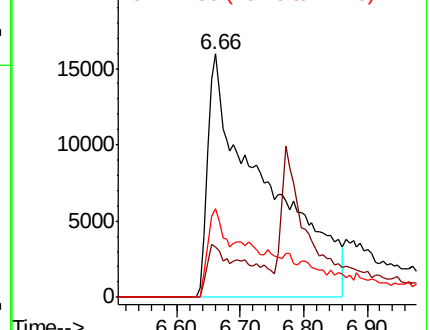
99 100

42 20.8 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



#15

Benzyl Alcohol

Concen: 2.049 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF108723.D

Acq: 1 Sep 2018 7:22

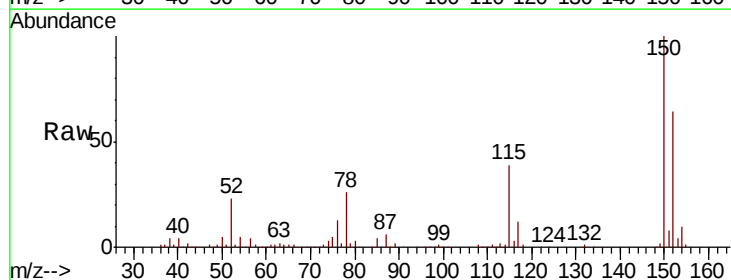
Tgt Ion: 79 Resp: 7003

Ion Ratio Lower Upper

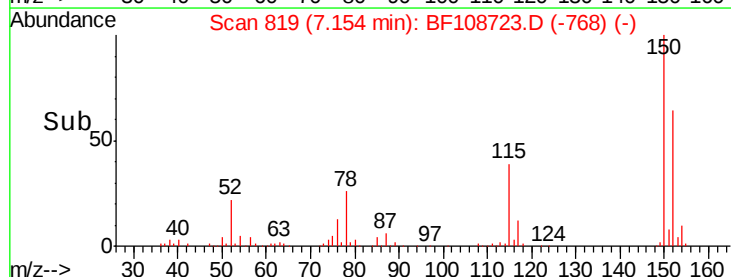
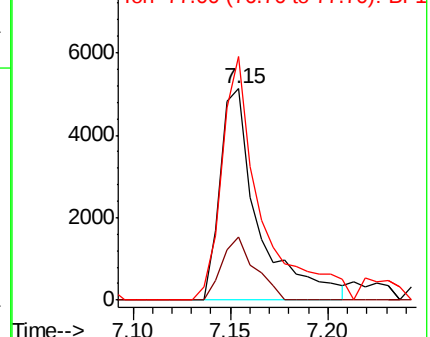
79 100

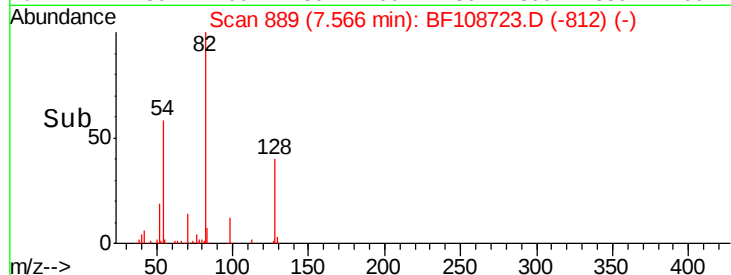
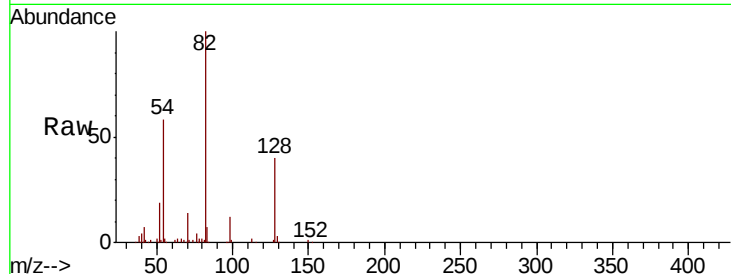
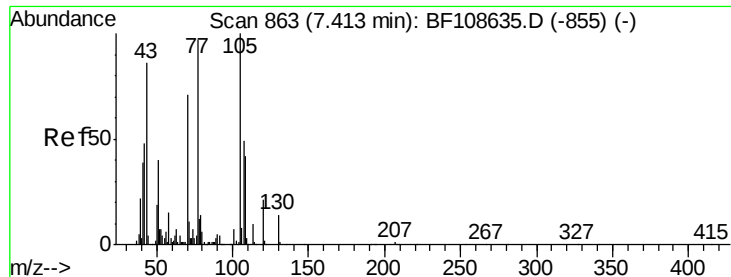
108 30.1 65.1 97.7#

77 115.4 50.6 75.8#



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

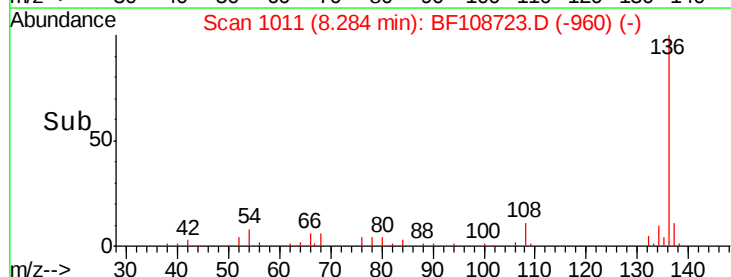
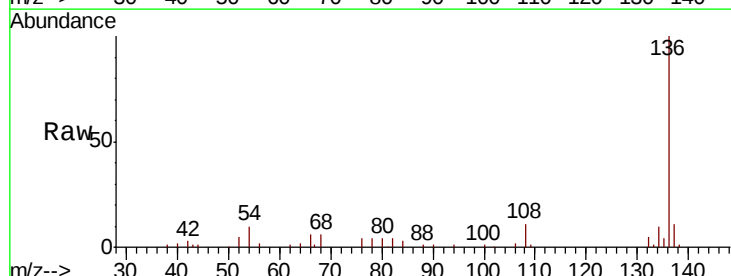
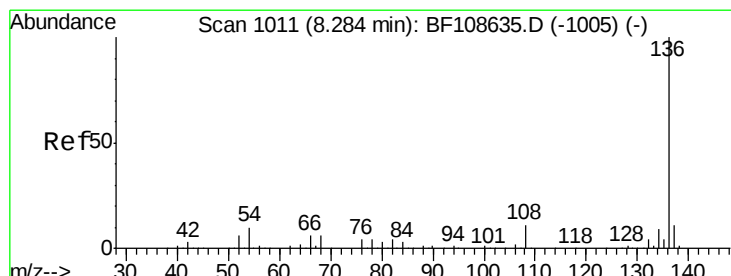
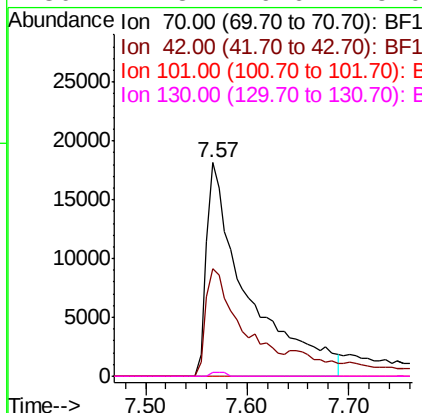




#19
n-Nitroso-di-n-propylamine
Concen: 15.995 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108723.D
Acq: 1 Sep 2018 7:22

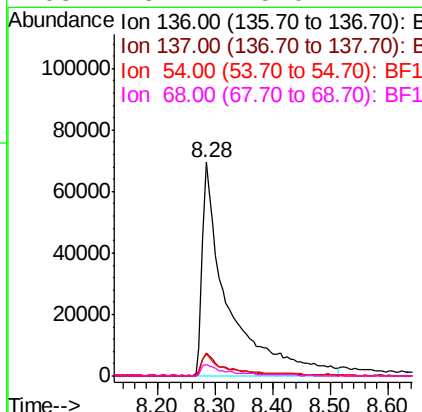
Instrument :
BNA_F
ClientSampleId :

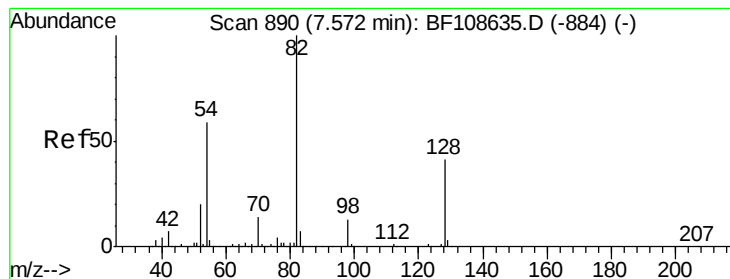
Tot Ion: 70 Resp: 50883
Ion Ratio Lower Upper
70 100
42 50.4 47.5 71.3
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108723.D
Acq: 1 Sep 2018 7:22

Tgt Ion: 136 Resp: 218459
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.9 6.6 9.8#
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 104.218 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF108723.D

Acq: 1 Sep 2018 7:22

Instrument :

BNA_F

ClientSampled :

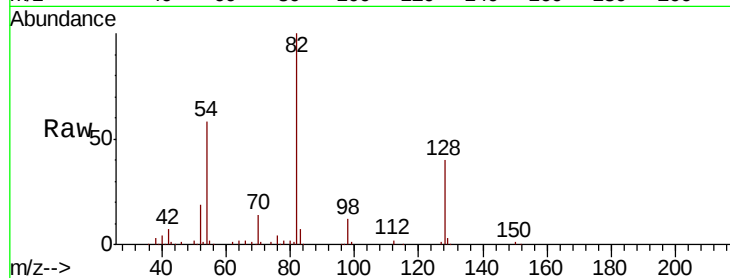
Tot Ion: 82 Resp: 448541

Ion Ratio Lower Upper

82 100

128 40.5 36.1 54.1

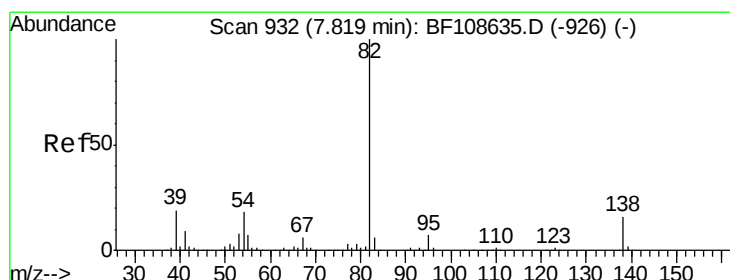
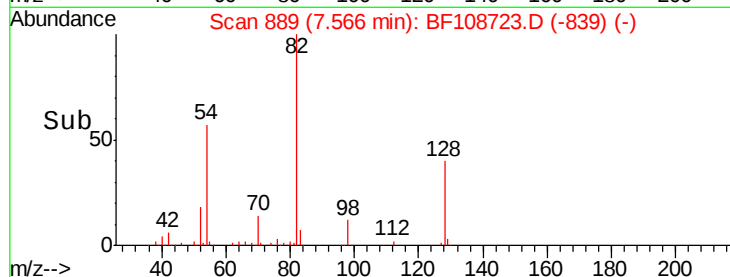
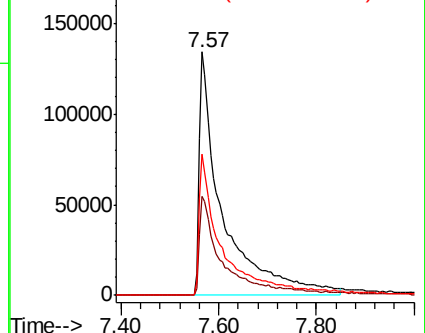
54 58.1 41.4 62.2



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: 64.917 ng

RT: 7.57 min Scan# 889

Delta R.T. -0.25 min

Lab File: BF108723.D

Acq: 1 Sep 2018 7:22

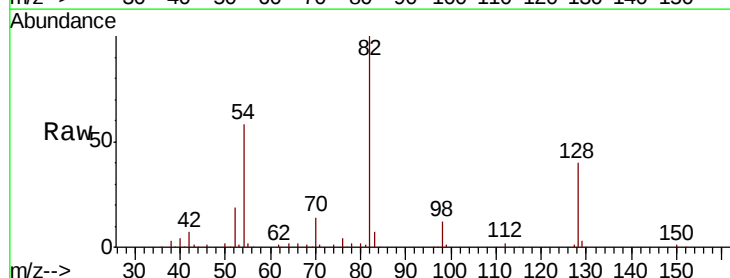
Tgt Ion: 82 Resp: 464126

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

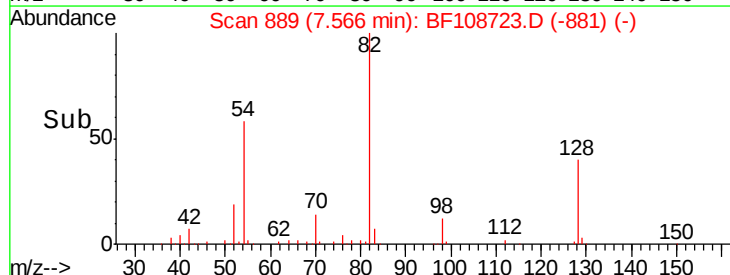
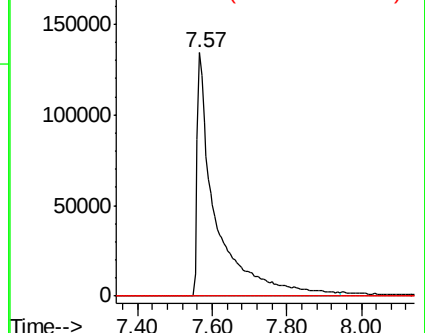
138 0.0 14.9 22.3#

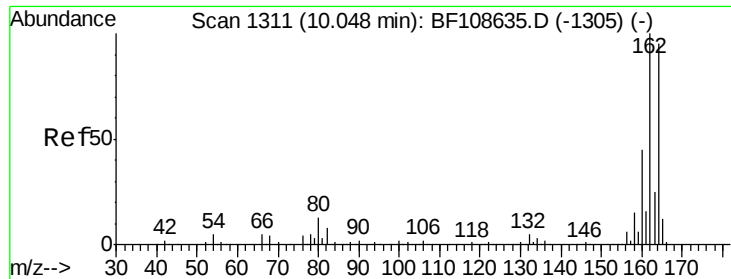


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF108723.D

Acq: 1 Sep 2018 7:22

Instrument :

BNA_F

ClientSampleId :

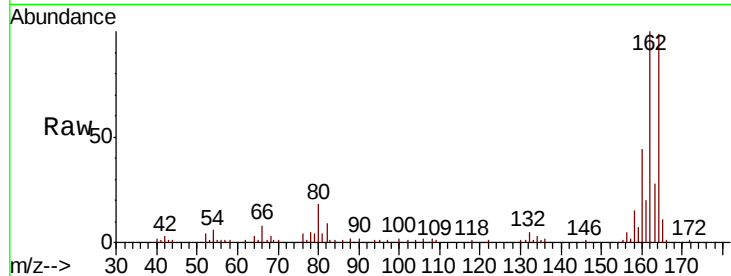
Tot Ion:164 Resp: 98210

Ion Ratio Lower Upper

164 100

162 100.7 86.1 129.1

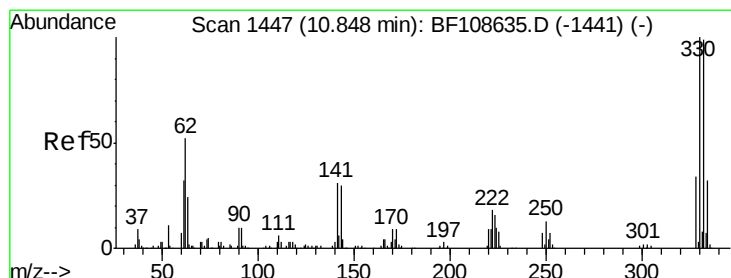
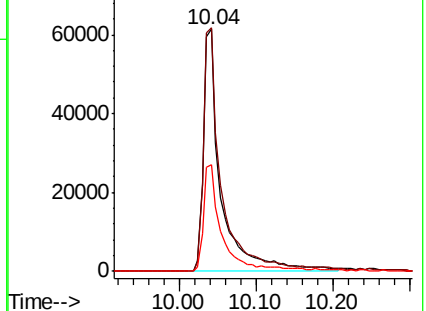
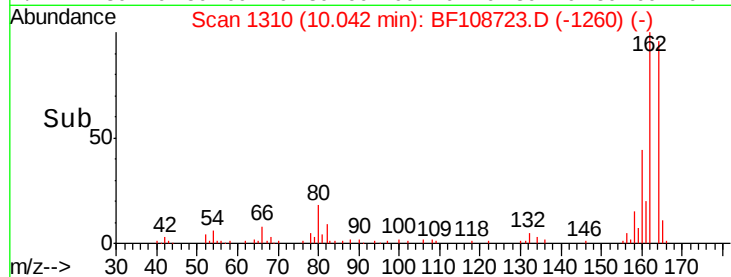
160 44.1 38.3 57.5



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: 79.740 ng

RT: 10.84 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF108723.D

Acq: 1 Sep 2018 7:22

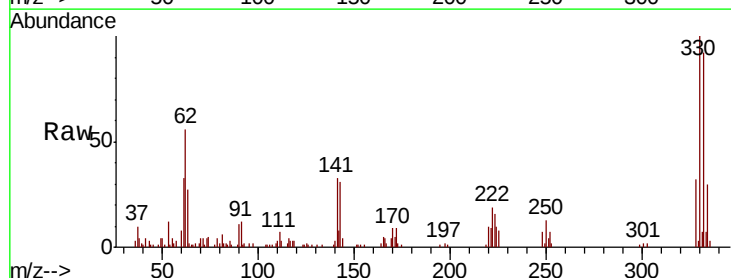
Tgt Ion:330 Resp: 103382

Ion Ratio Lower Upper

330 100

332 94.0 77.0 115.6

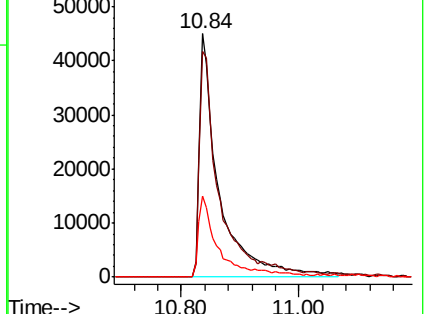
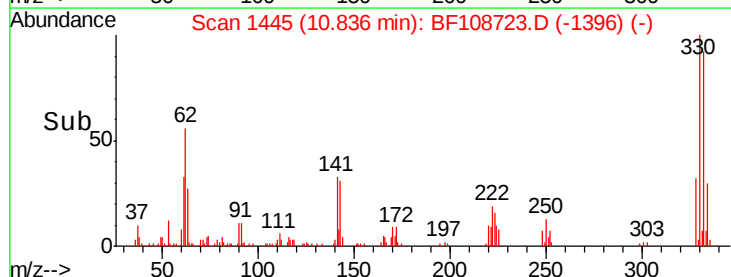
141 34.6 29.9 44.9

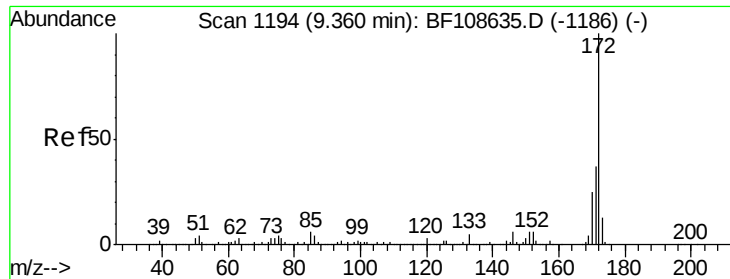


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

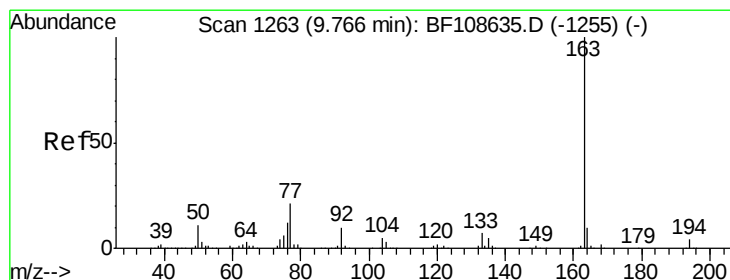
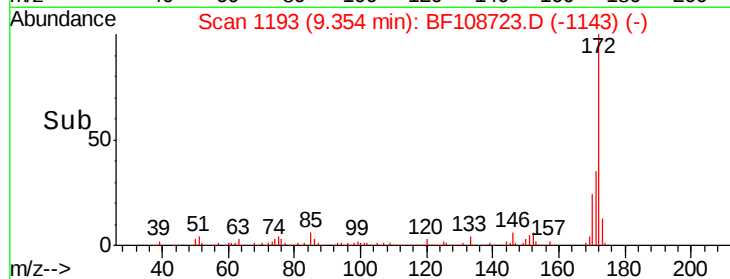
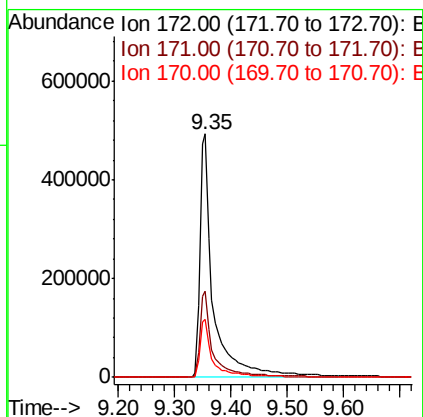
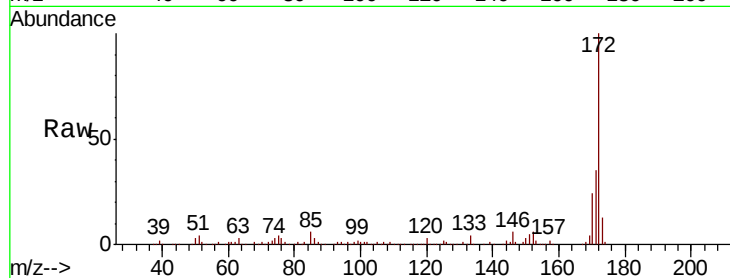




#44
2-Fluorobiphenyl
Concen: 112.600 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108723.D
Acq: 1 Sep 2018 7:22

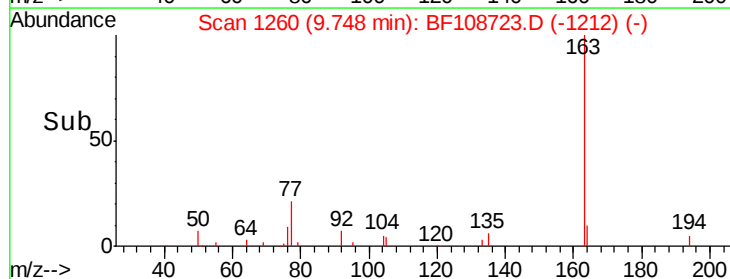
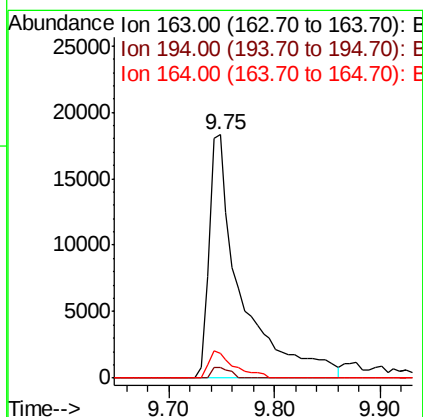
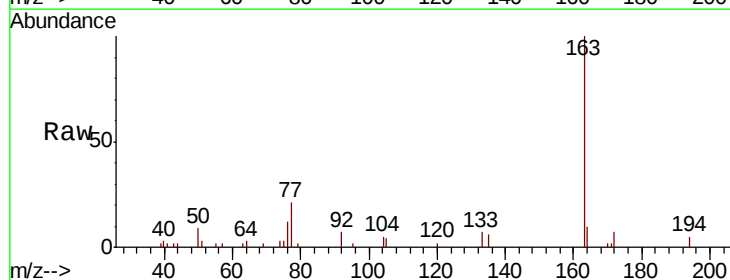
Instrument :
BNA_F
ClientSampleId :

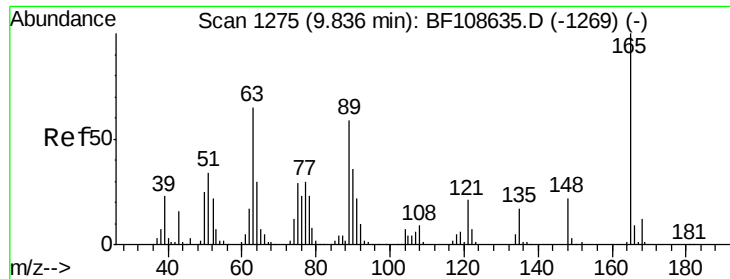
Tot Ion:172 Resp: 822448
Ion Ratio Lower Upper
172 100
171 35.5 29.7 44.5
170 23.7 19.6 29.4



#49
Dimethylphthalate
Concen: 4.987 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108723.D
Acq: 1 Sep 2018 7:22

Tgt Ion:163 Resp: 38567
Ion Ratio Lower Upper
163 100
194 4.6 2.7 4.1#
164 10.3 8.2 12.2

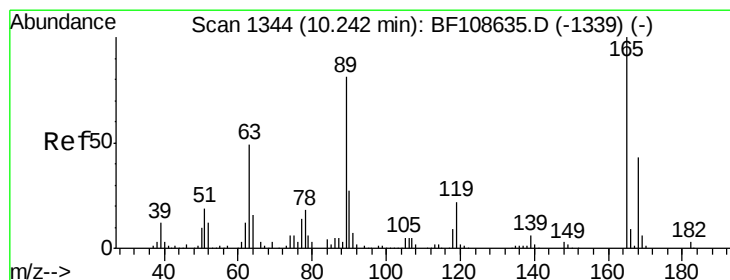
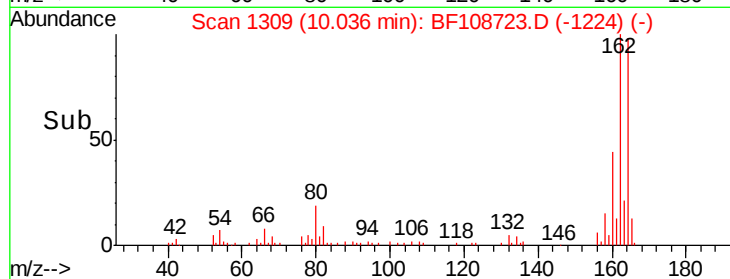
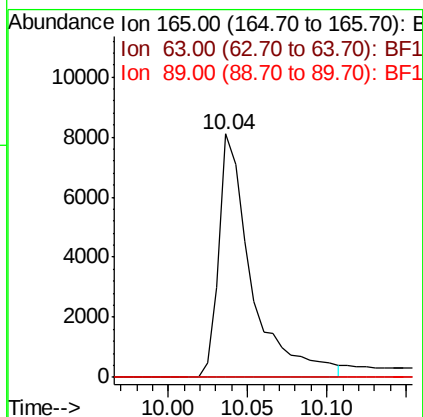
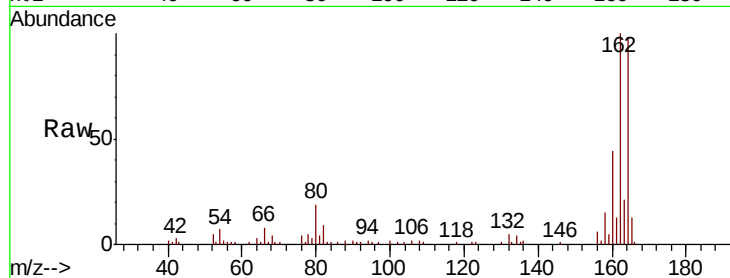




#50
 2,6-Dinitrotoluene
 Concen: 6.856 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. 0.20 min
 Lab File: BF108723.D
 Acq: 1 Sep 2018 7:22

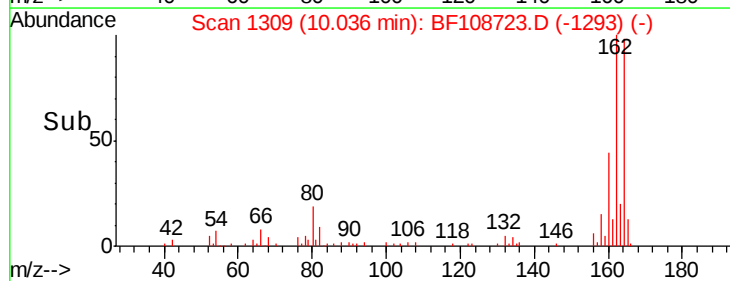
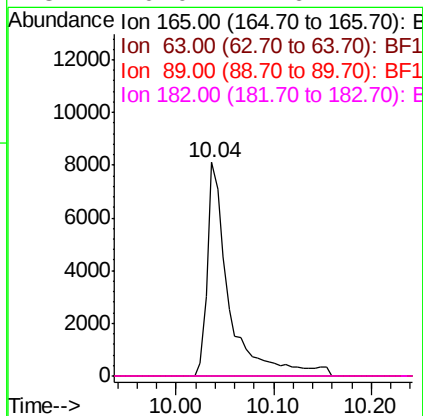
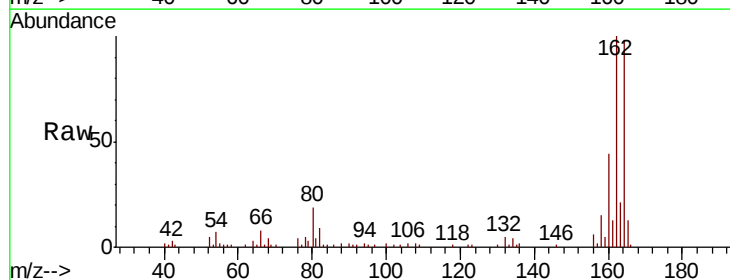
Instrument :
 BNA_F
 ClientSampleId :

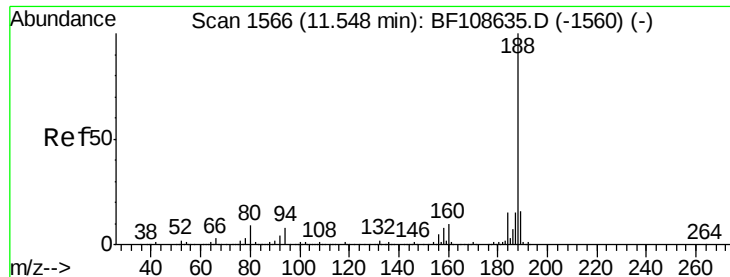
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.598 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.21 min
 Lab File: BF108723.D
 Acq: 1 Sep 2018 7:22

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#

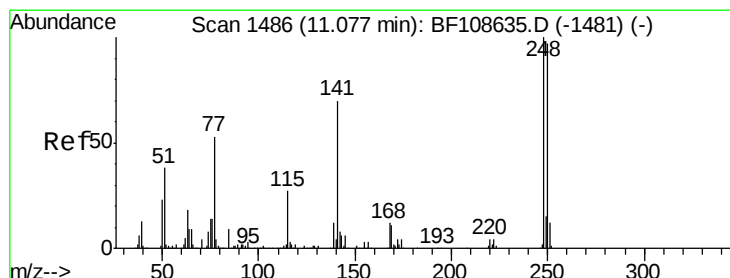
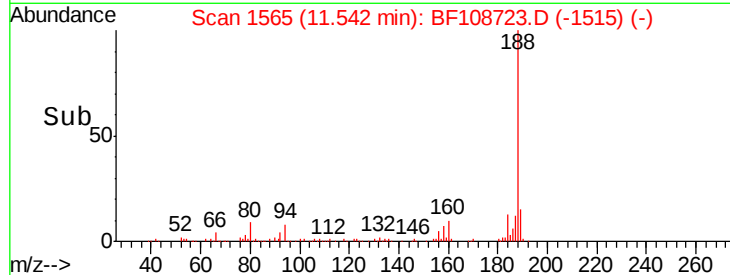
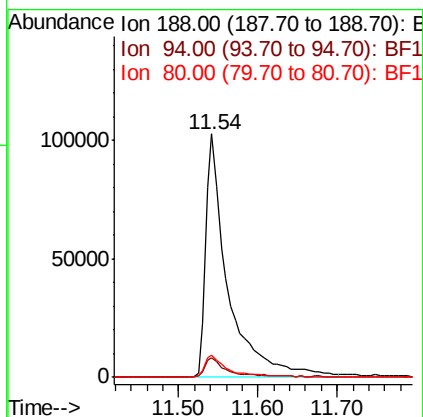
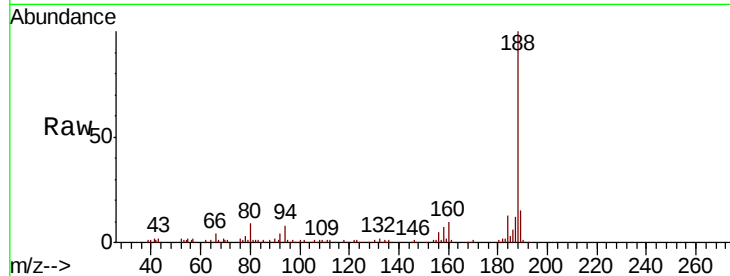




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108723.D
Acq: 1 Sep 2018 7:22

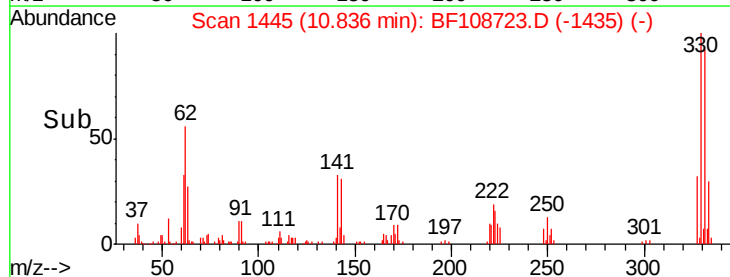
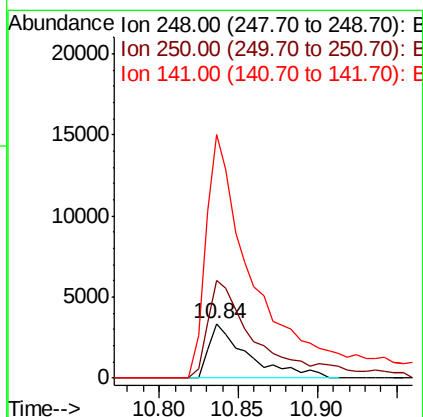
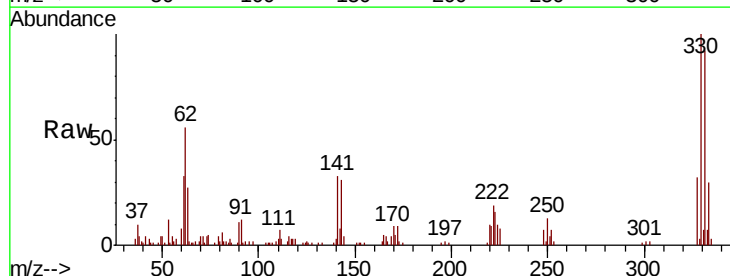
Instrument :
BNA_F
ClientSampleId :

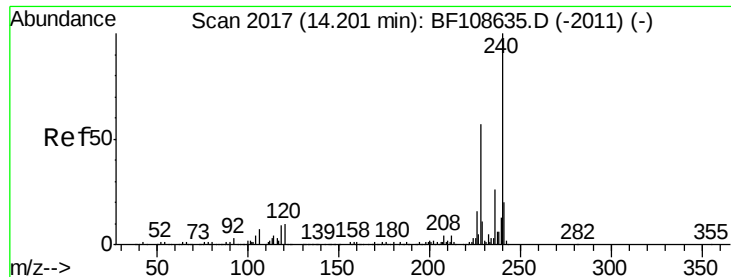
Tot Ion:188 Resp: 202263
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 9.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.320 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108723.D
Acq: 1 Sep 2018 7:22

Tgt Ion:248 Resp: 5766
Ion Ratio Lower Upper
248 100
250 178.9 76.9 115.3#
141 446.2 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: BF108723.D

Acq: 1 Sep 2018 7:22

Instrument :

BNA_F

ClientSampleId :

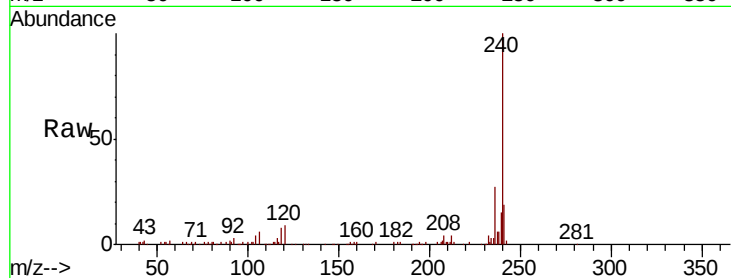
Tot Ion:240 Resp: 209603

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

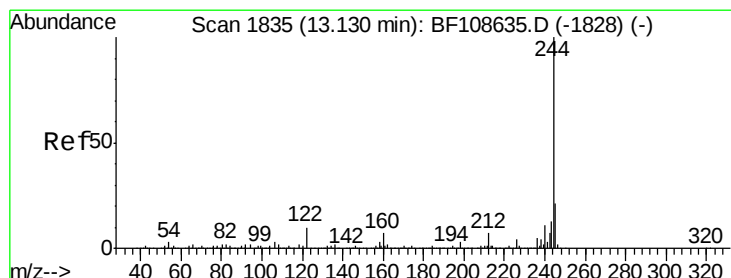
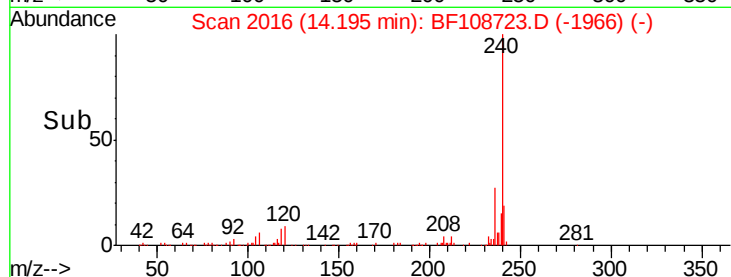
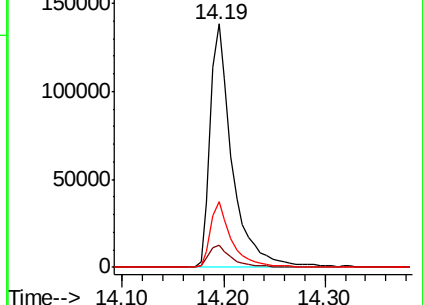
236 26.7 20.7 31.1



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: 84.034 ng

RT: 13.12 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF108723.D

Acq: 1 Sep 2018 7:22

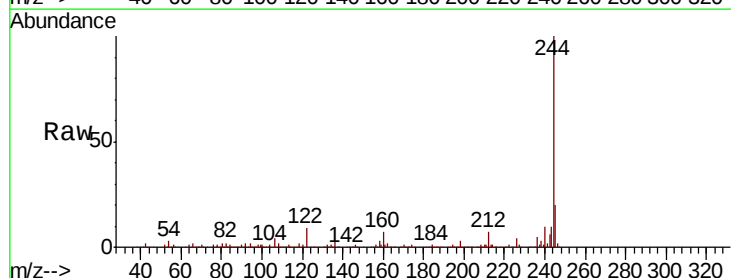
Tgt Ion:244 Resp: 906543

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

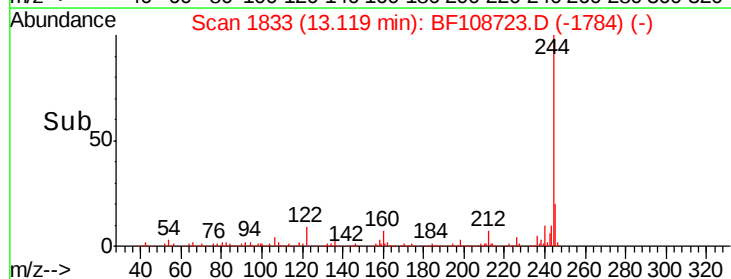
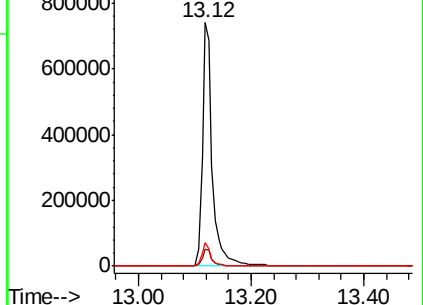
122 9.4 11.0 16.4#

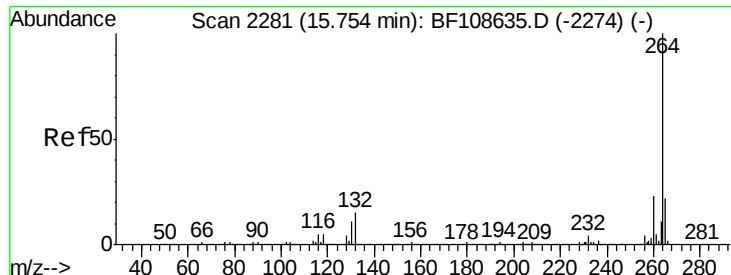


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

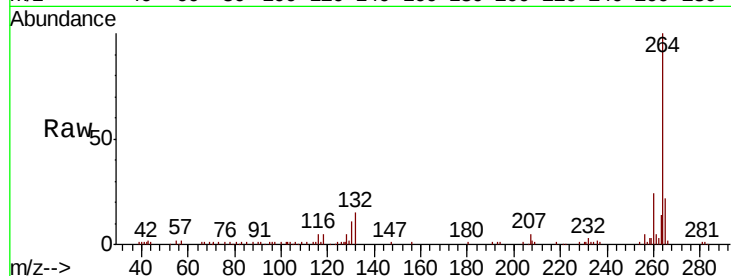




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF108723.D
 Acq: 1 Sep 2018 7:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.3	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

