

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108727.D
 Acq On : 1 Sep 2018 9:11
 Operator : JU/SJ
 Sample : J4729-13
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 04 02:03:09 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	60220	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	226043	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	95713	20.00	ng	-0.01
63) Phenanthrene-d10	11.54	188	215123	20.00	ng	0.00
75) Chrysene-d12	14.20	240	216660	20.00	ng	0.00
86) Perylene-d12	15.75	264	146868	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.67	112	19417	5.60	ng	0.02
7) Phenol-d6	6.66	99	63518	12.79	ng	0.01
23) Nitrobenzene-d5	7.57	82	487712	109.52	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	109194	86.42	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	898489	126.22	ng	0.00
78) Terphenyl-d14	13.12	244	993021	89.05	ng	-0.01

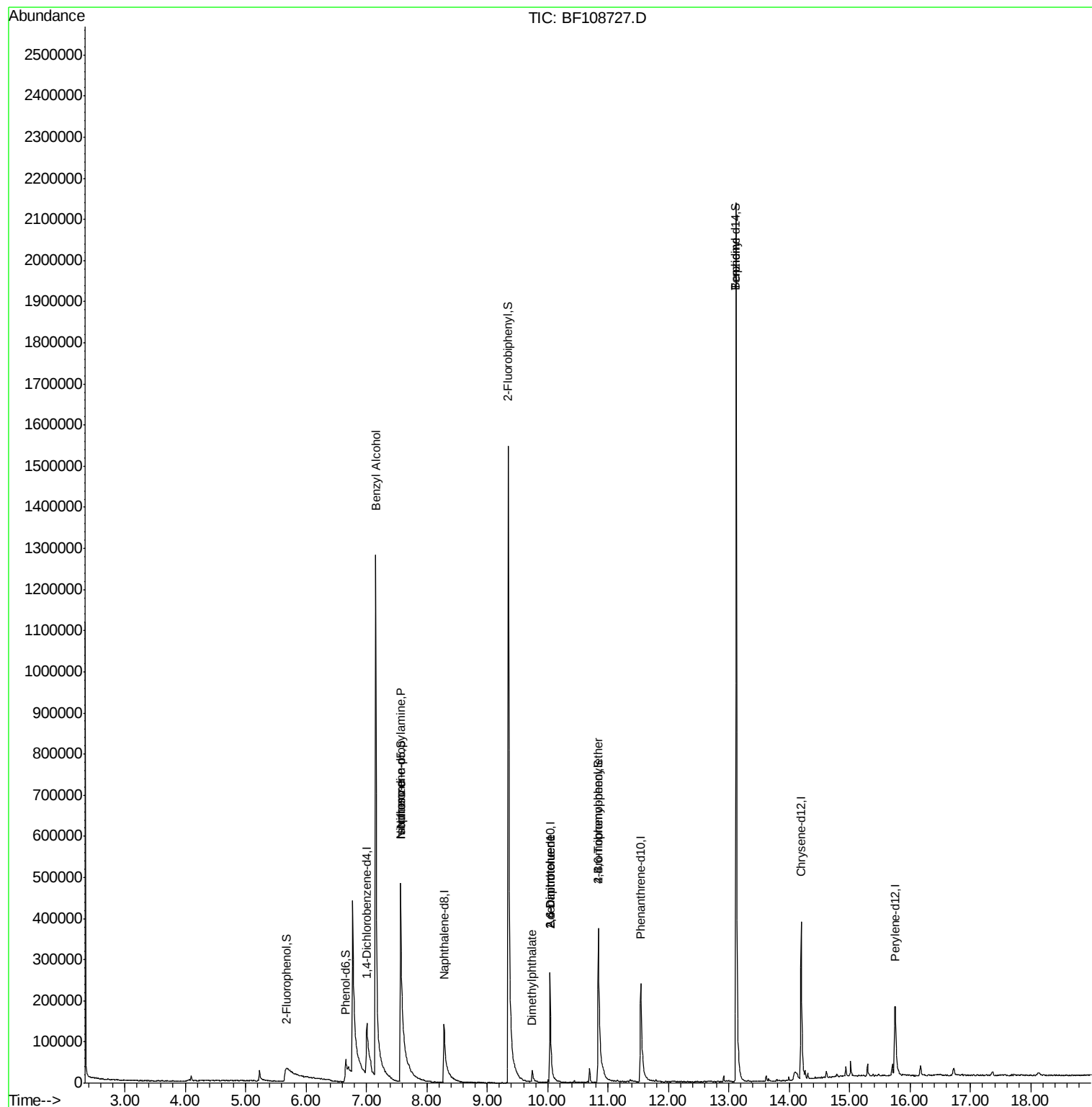
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.15	79	8691	2.433	ng	# 42
19) n-Nitroso-di-n-propylamine	7.57	70	47069	14.157	ng	# 84
25) Isophorone	7.57	82	489065	66.110	ng	# 64
49) Dimethylphthalate	9.74	163	32429	4.303	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	11469	6.903	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	11790	5.360	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	6624	2.505	ng	# 1
76) Benzidine	13.12	184	12398	2.033	ng	96

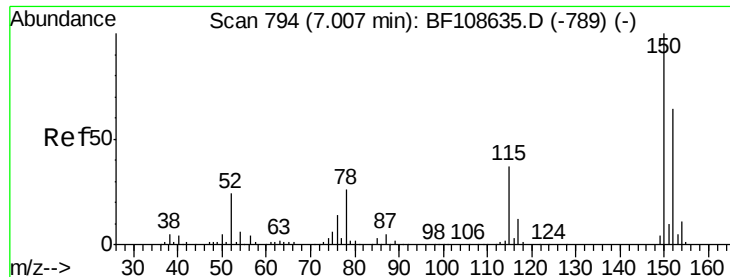
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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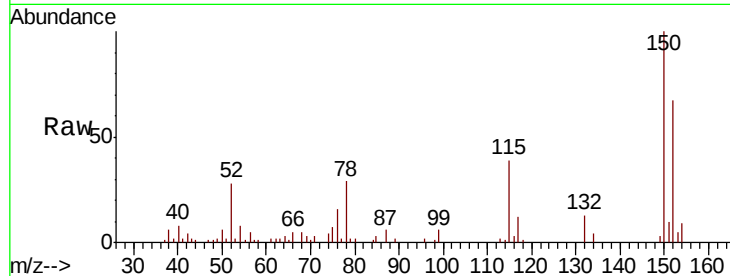


#1

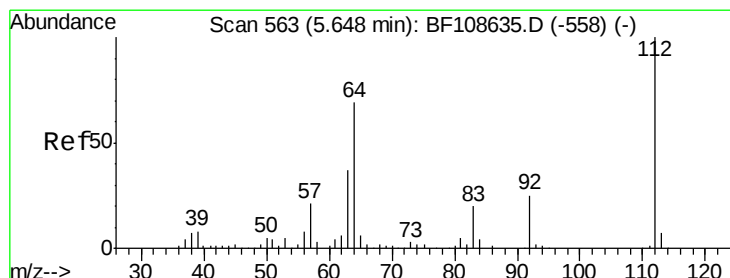
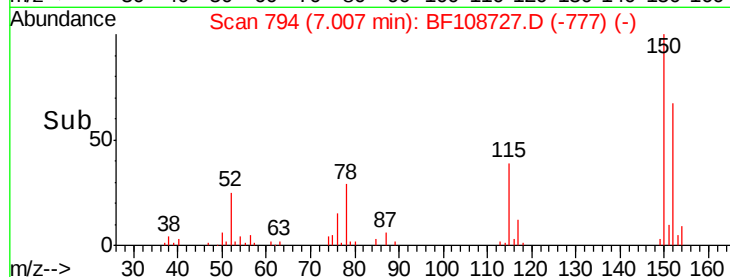
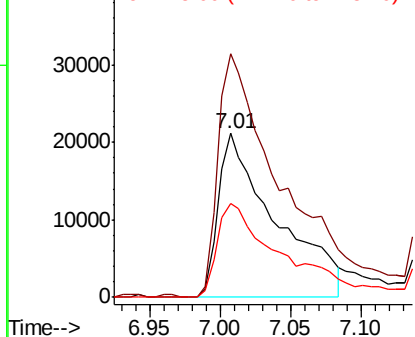
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF108727.D
Acq: 1 Sep 2018 9:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 60220
Ion Ratio Lower Upper
152 100
150 148.4 124.6 186.8
115 57.4 50.1 75.1



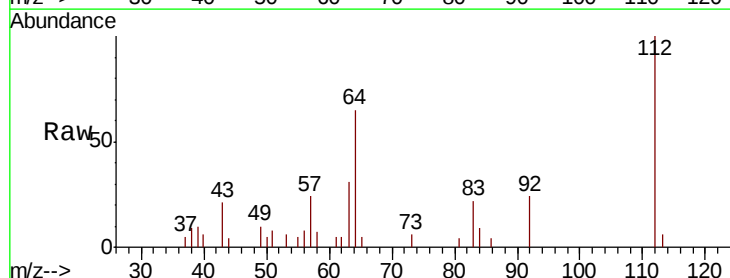
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



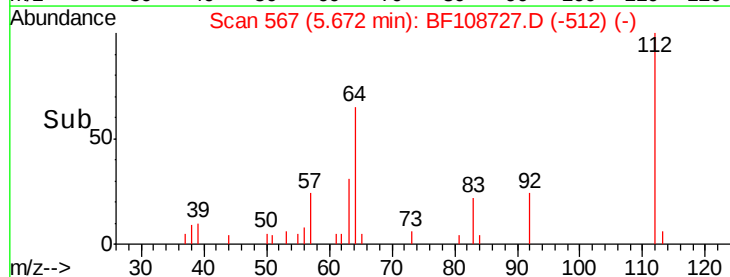
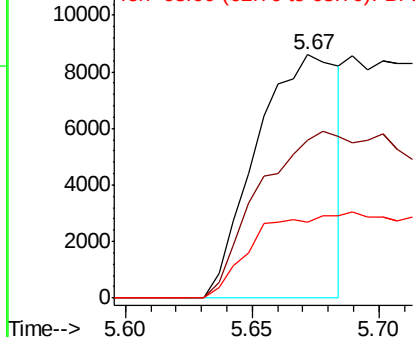
#5

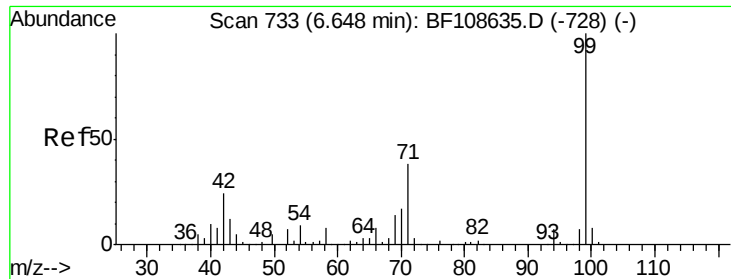
2-Fluorophenol
Concen: 5.601 ng
RT: 5.67 min Scan# 567
Delta R.T. 0.02 min
Lab File: BF108727.D
Acq: 1 Sep 2018 9:11

Tgt Ion:112 Resp: 19417
Ion Ratio Lower Upper
112 100
64 64.9 47.9 71.9
63 31.1 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: 12.793 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108727.D

Acq: 1 Sep 2018 9:11

Instrument :

BNA_F

ClientSampled :

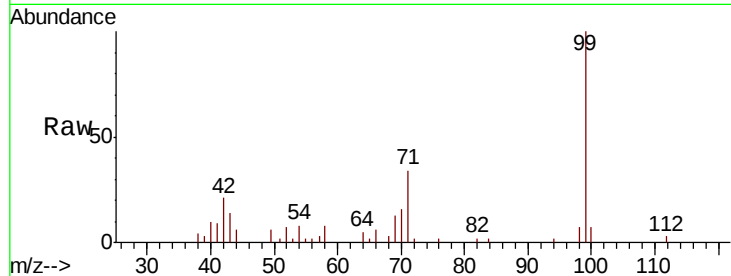
Tot Ion: 99 Resp: 63518

Ion Ratio Lower Upper

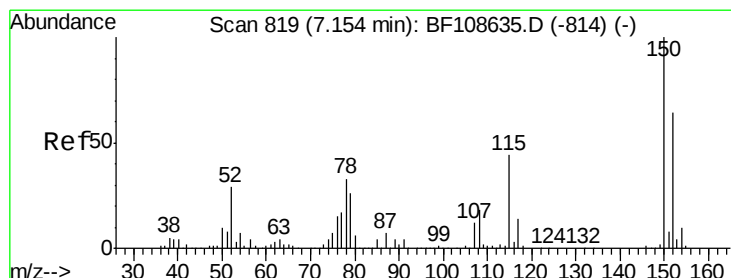
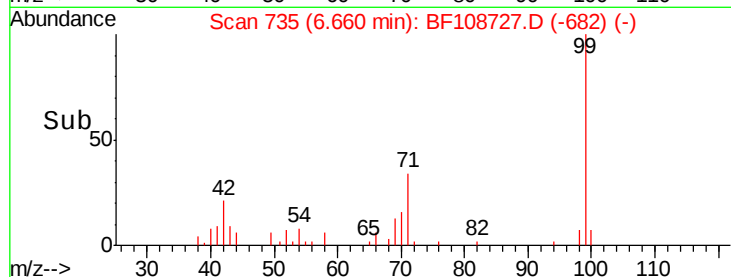
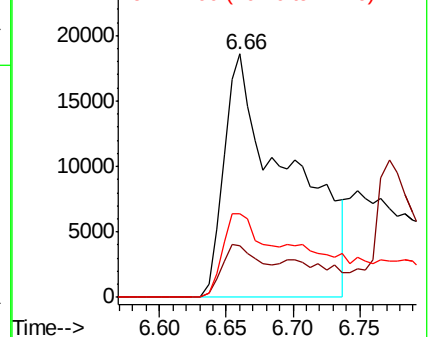
99 100

42 21.3 14.5 21.7

71 34.3 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: 2.433 ng

RT: 7.15 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF108727.D

Acq: 1 Sep 2018 9:11

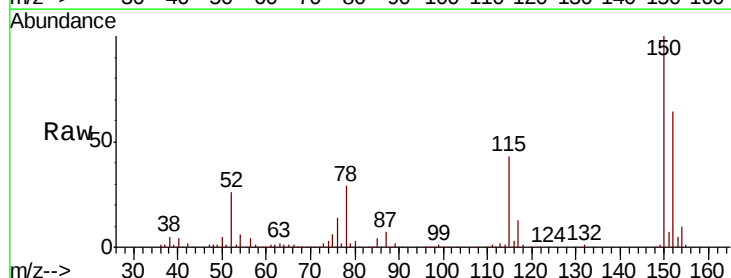
Tgt Ion: 79 Resp: 8691

Ion Ratio Lower Upper

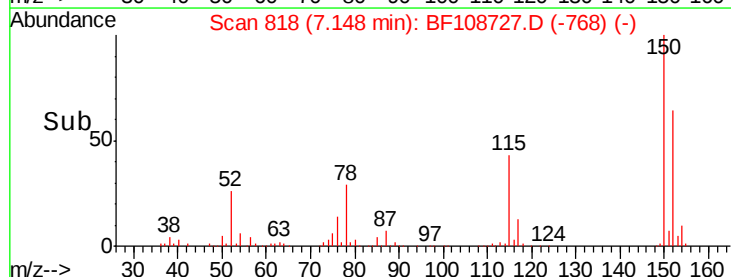
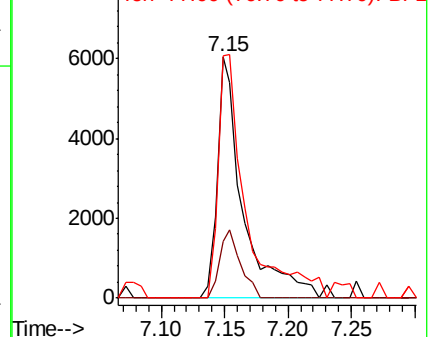
79 100

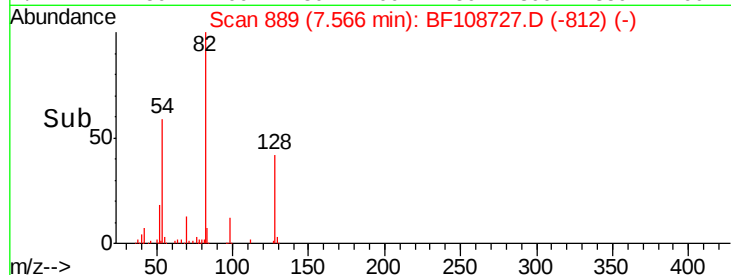
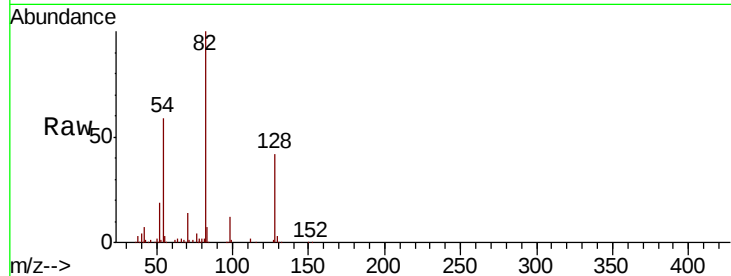
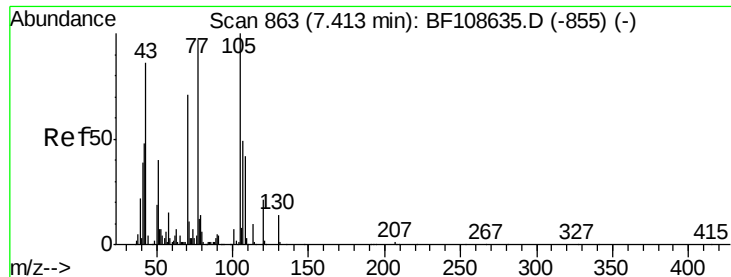
108 23.3 65.1 97.7#

77 100.1 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

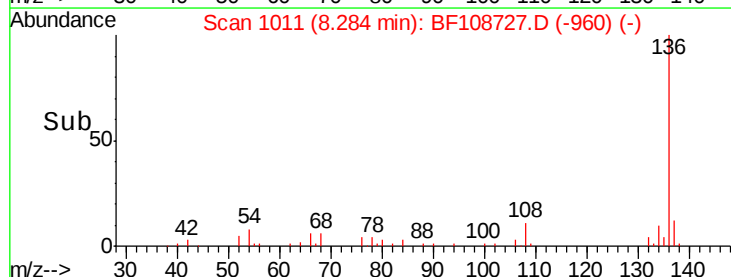
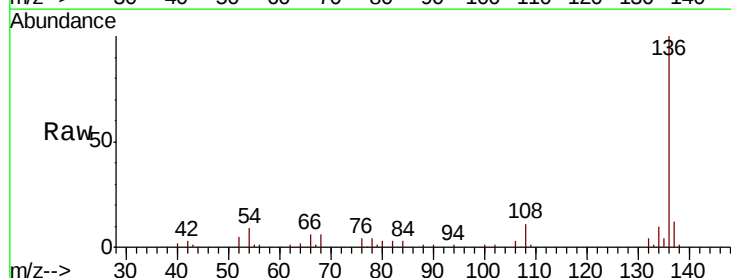
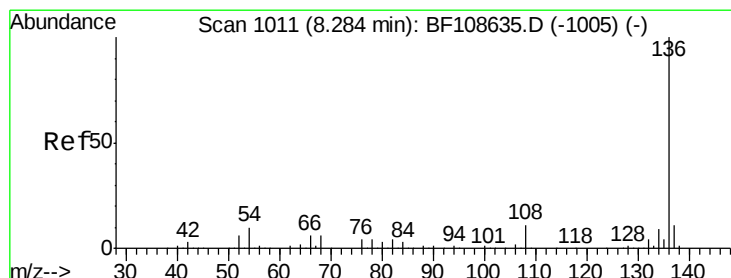
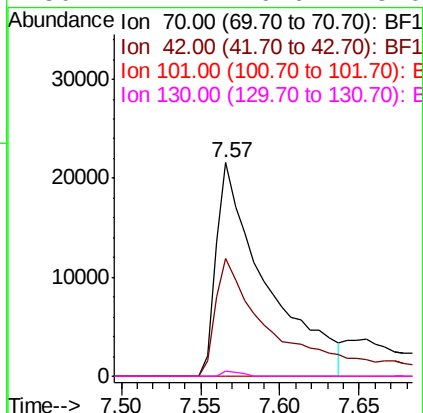




#19
n-Nitroso-di-n-propylamine
Concen: 14.157 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108727.D
Acq: 1 Sep 2018 9:11

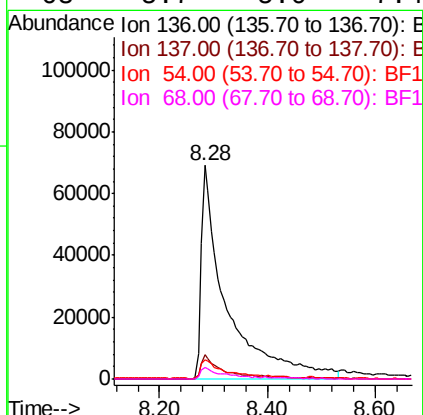
Instrument :
BNA_F
ClientSampleId :

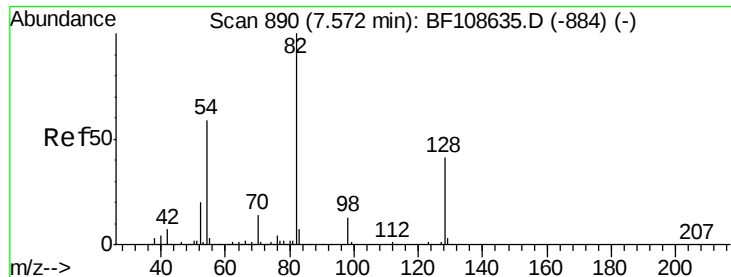
Tot Ion: 70 Resp: 47069
Ion Ratio Lower Upper
70 100
42 55.2 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108727.D
Acq: 1 Sep 2018 9:11

Tgt Ion: 136 Resp: 226043
Ion Ratio Lower Upper
136 100
137 11.7 8.9 13.3
54 9.1 6.6 9.8
68 5.7 5.0 7.4

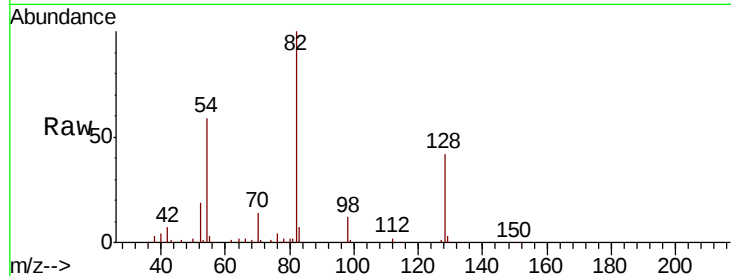




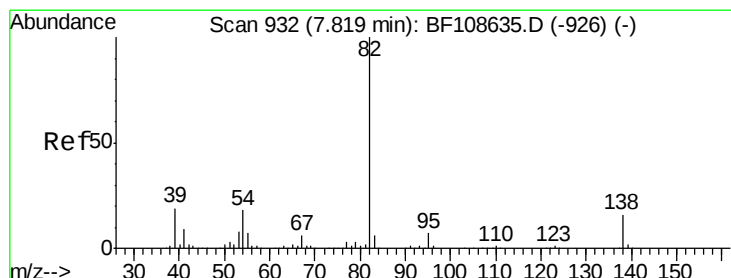
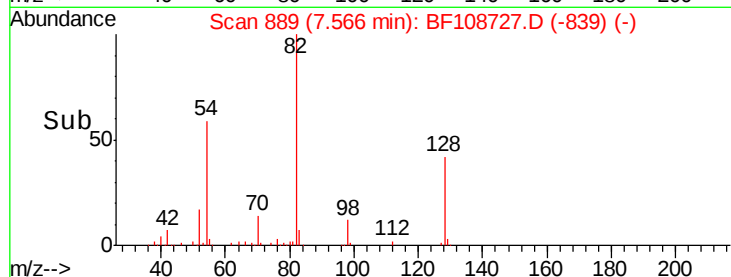
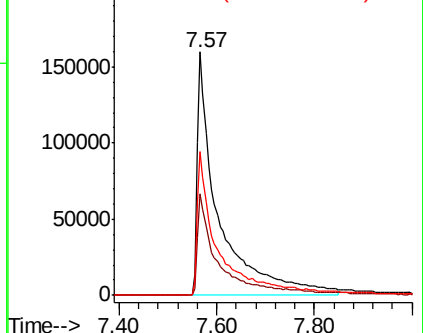
#23
Nitrobenzene-d5
Concen: 109.517 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108727.D
Acq: 1 Sep 2018 9:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	487712
Ion Ratio	Lower	Upper	
82	100		
128	41.8	36.1	54.1
54	59.2	41.4	62.2

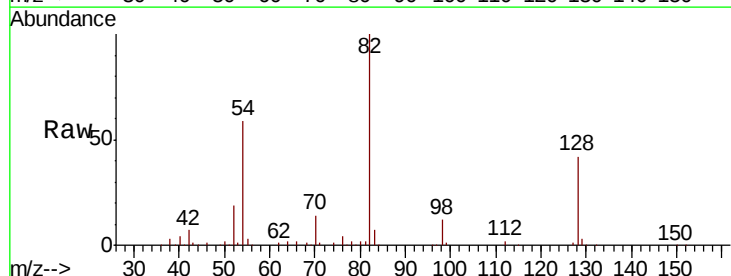


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

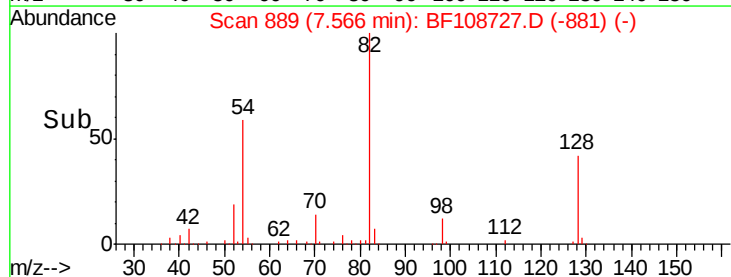
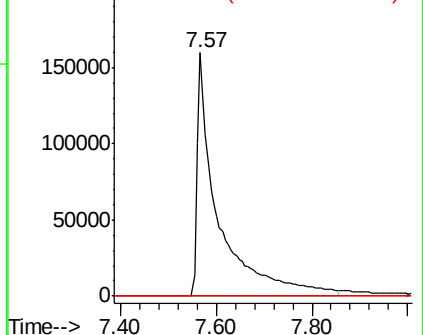


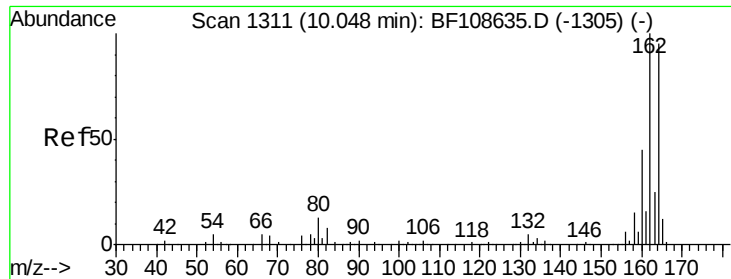
#25
Isophorone
Concen: 66.110 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108727.D
Acq: 1 Sep 2018 9:11

Tgt Ion	82	Resp	489065
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

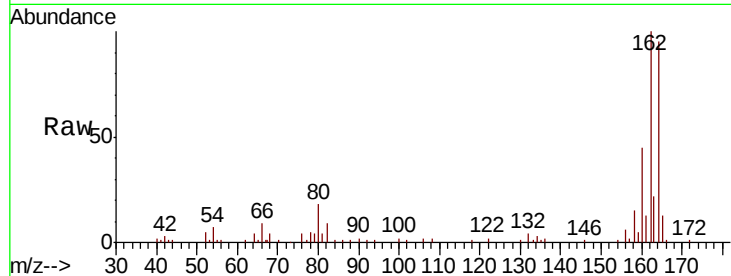




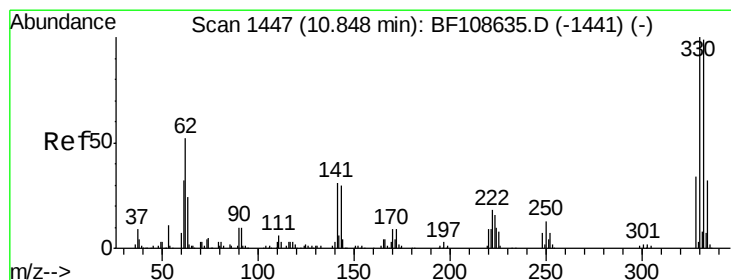
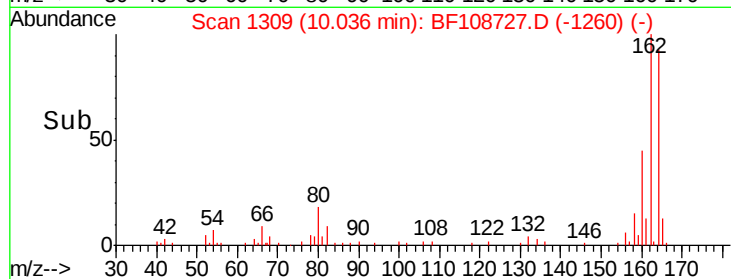
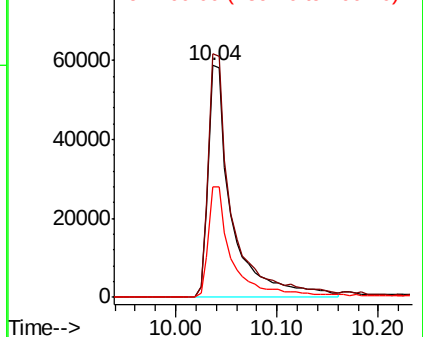
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF108727.D
 Acq: 1 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 95713
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 47.5 38.3 57.5

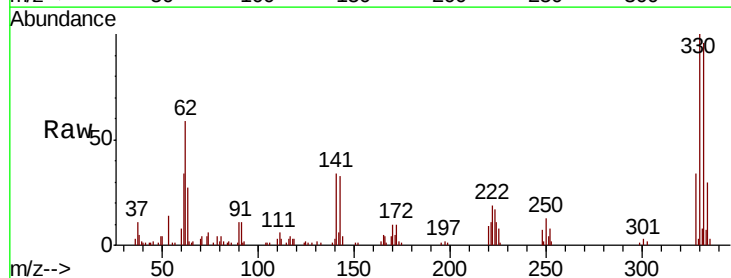


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

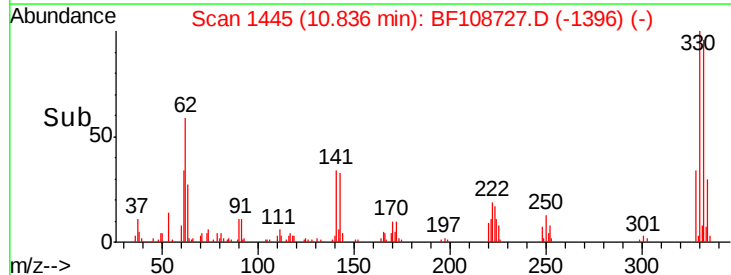
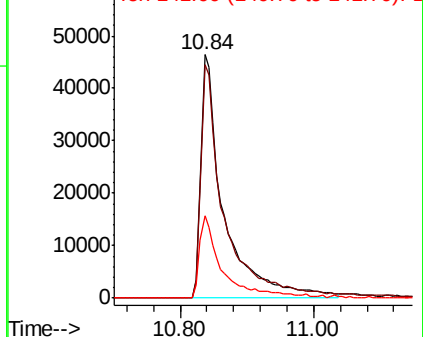


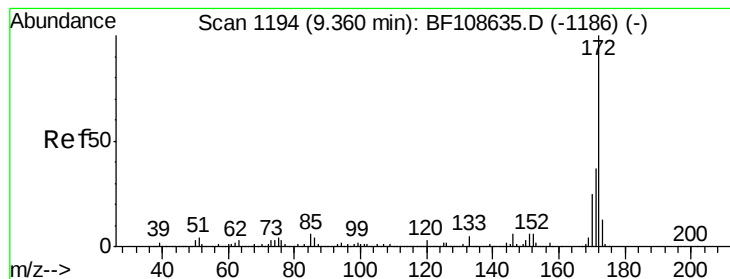
#41
 2,4,6-Tribromophenol
 Concen: 86.420 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108727.D
 Acq: 1 Sep 2018 9:11

Tgt Ion:330 Resp: 109194
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 33.6 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

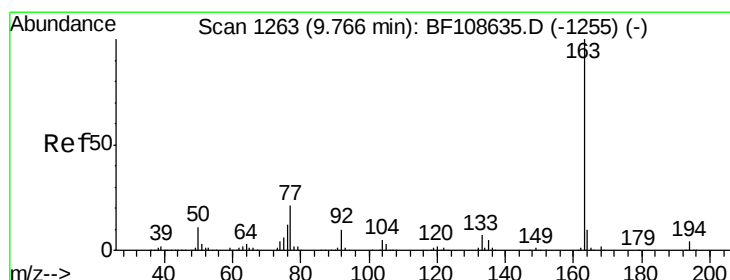
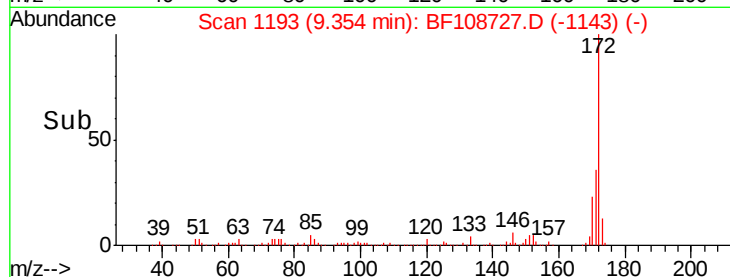
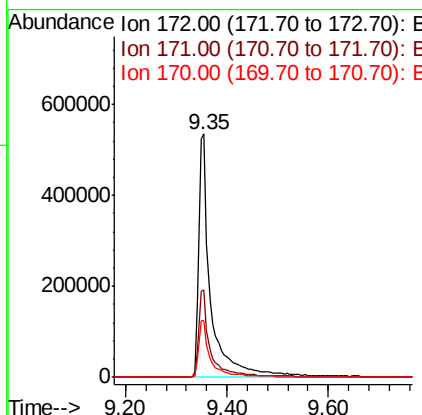
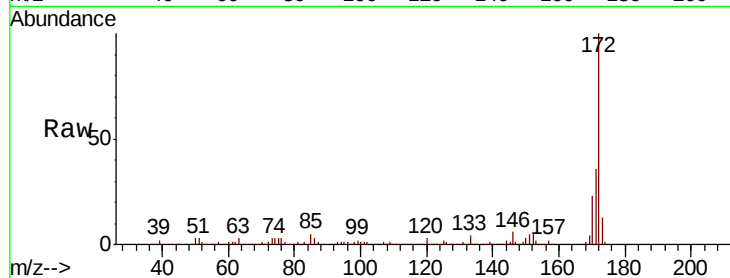




#44
2-Fluorobiphenyl
Concen: 126.220 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108727.D
Acq: 1 Sep 2018 9:11

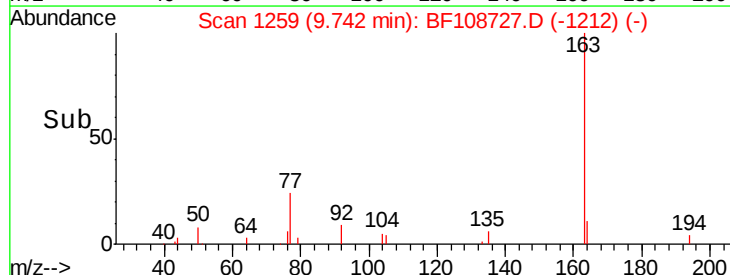
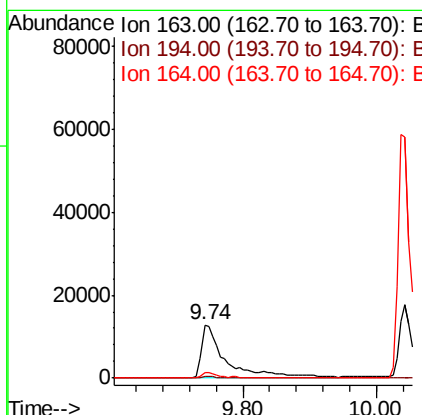
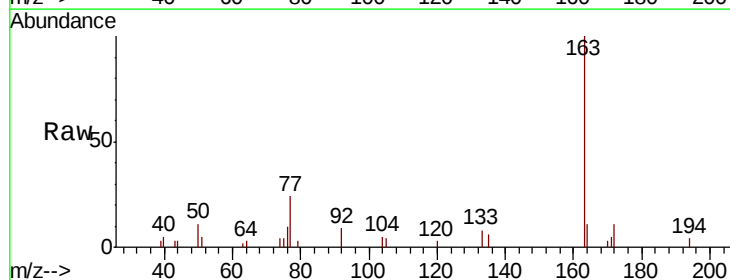
Instrument :
BNA_F
ClientSampleId :

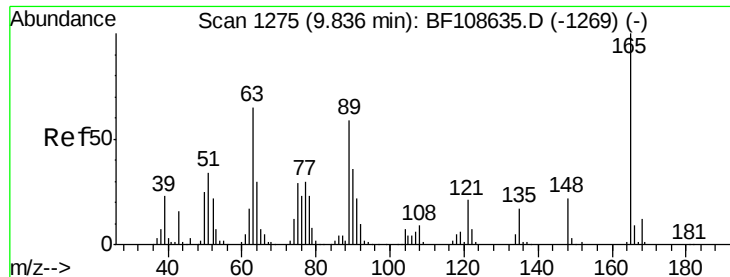
Tot Ion:172 Resp: 898489
Ion Ratio Lower Upper
172 100
171 36.1 29.7 44.5
170 23.4 19.6 29.4



#49
Dimethylphthalate
Concen: 4.303 ng
RT: 9.74 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF108727.D
Acq: 1 Sep 2018 9:11

Tgt Ion:163 Resp: 32429
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.6 8.2 12.2

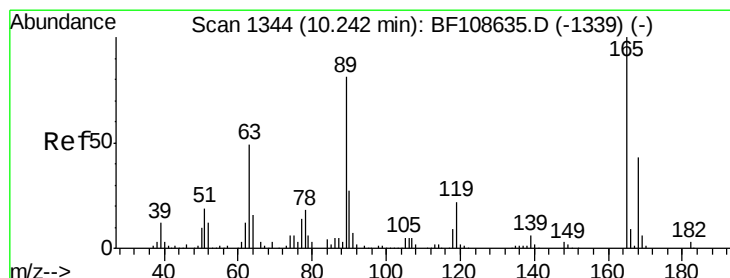
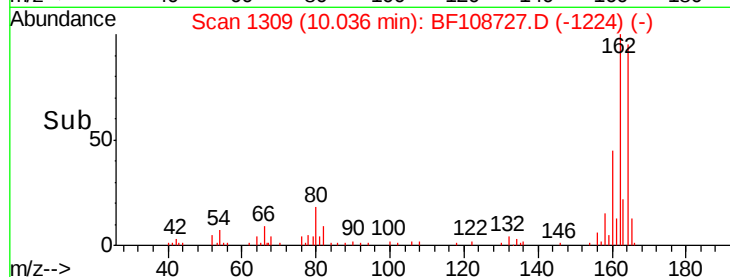
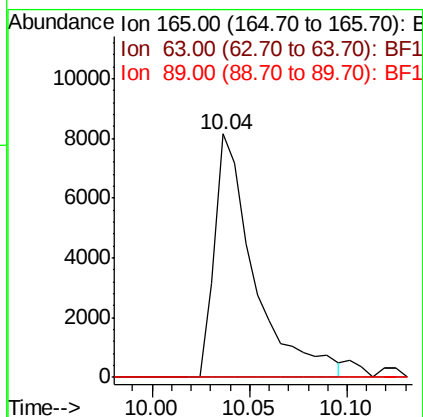
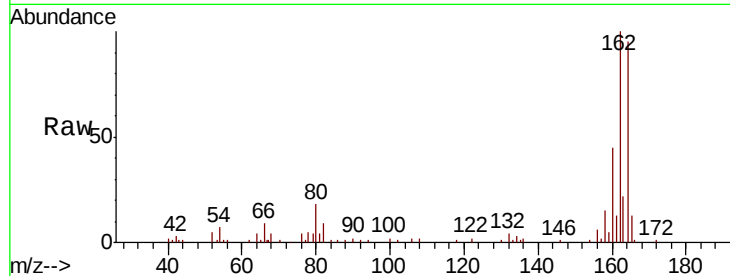




#50
 2,6-Dinitrotoluene
 Concen: 6.903 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. 0.20 min
 Lab File: BF108727.D
 Acq: 1 Sep 2018 9:11

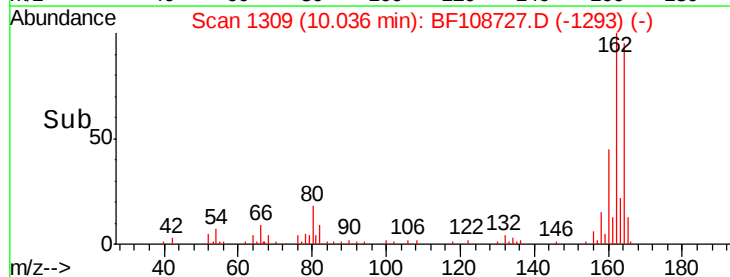
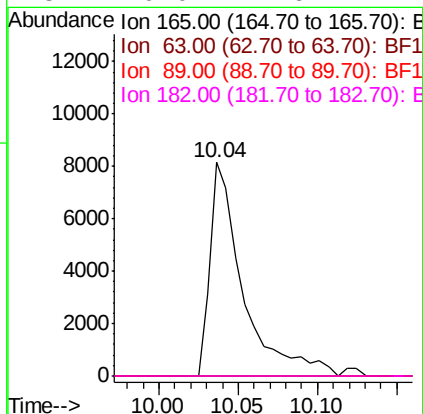
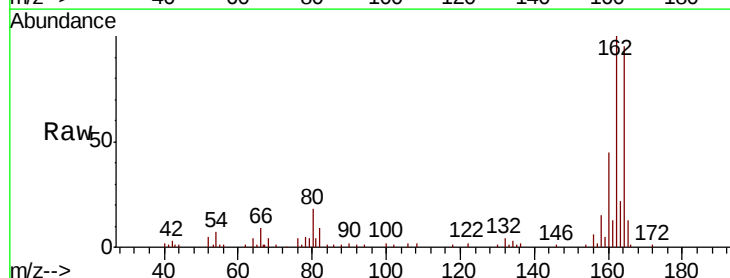
Instrument :
 BNA_F
 ClientSampled :

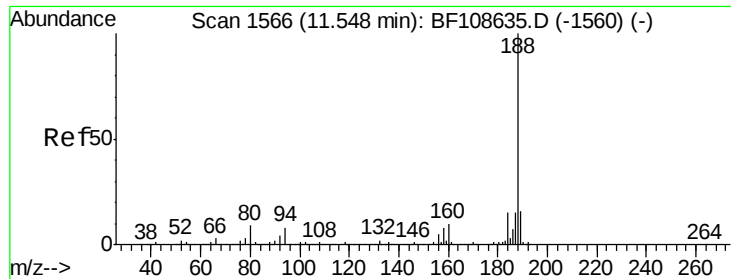
Tot Ion:165 Resp: 11469
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.360 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. -0.21 min
 Lab File: BF108727.D
 Acq: 1 Sep 2018 9:11

Tgt Ion:165 Resp: 11790
 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#

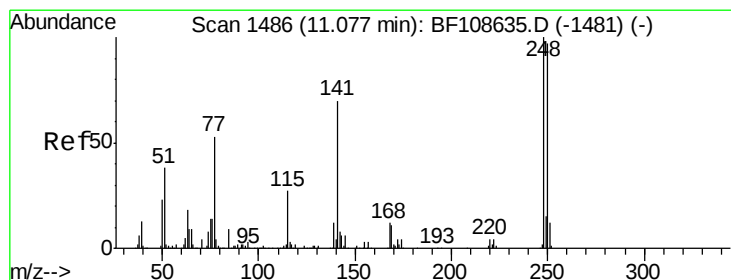
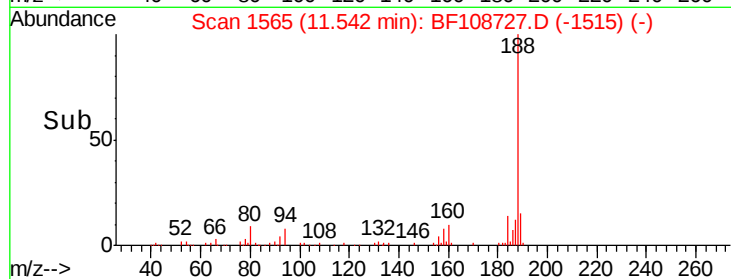
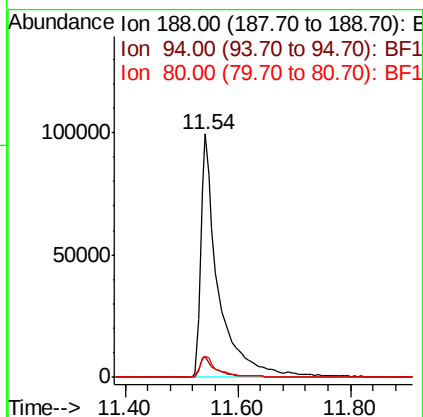
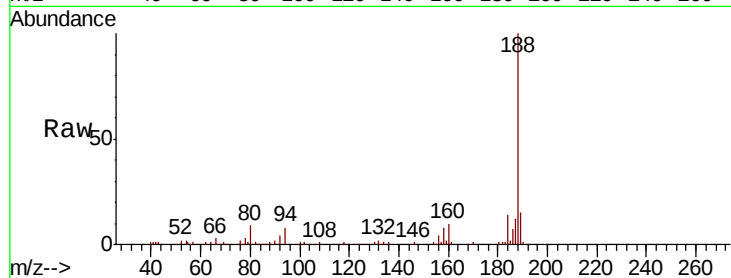




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF108727.D
 Acq: 1 Sep 2018 9:11

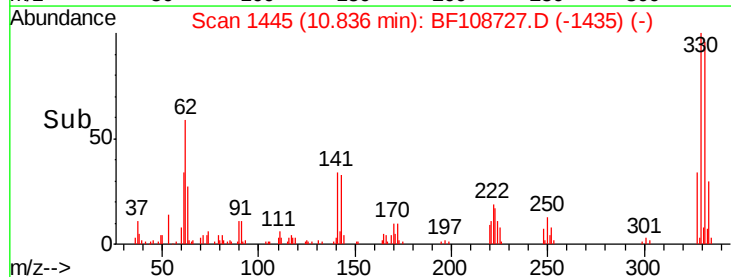
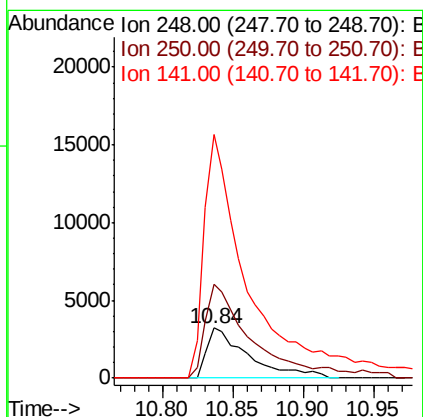
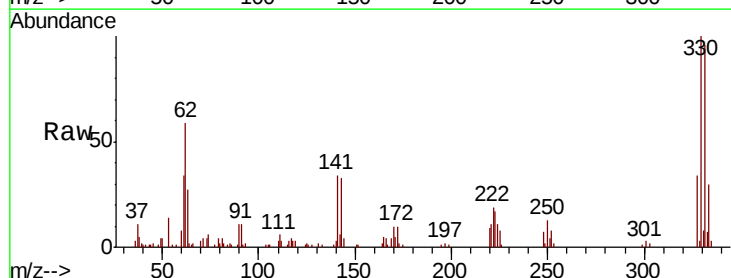
Instrument :
 BNA_F
 ClientSampled :

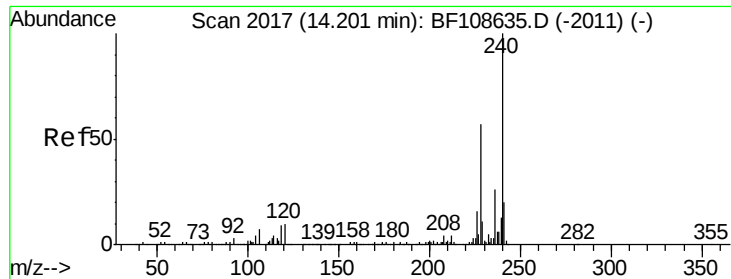
Tot Ion:188 Resp: 215123
 Ion Ratio Lower Upper
 188 100
 94 8.3 8.5 12.7#
 80 8.6 9.2 13.8#



#66
 4-Bromophenyl-phenylether
 Concen: 2.505 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.24 min
 Lab File: BF108727.D
 Acq: 1 Sep 2018 9:11

Tgt Ion:248 Resp: 6624
 Ion Ratio Lower Upper
 248 100
 250 188.8 76.9 115.3#
 141 487.9 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.20 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108727.D

Acq: 1 Sep 2018 9:11

Instrument :

BNA_F

ClientSampleId :

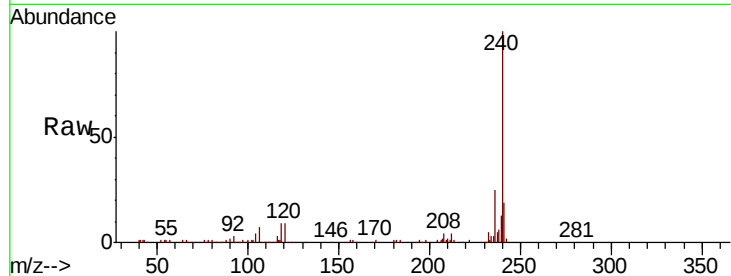
Tot Ion:240 Resp: 216660

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

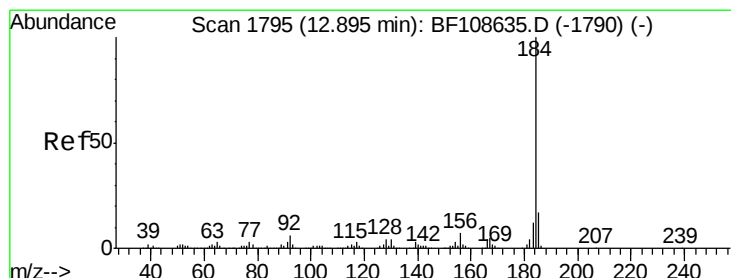
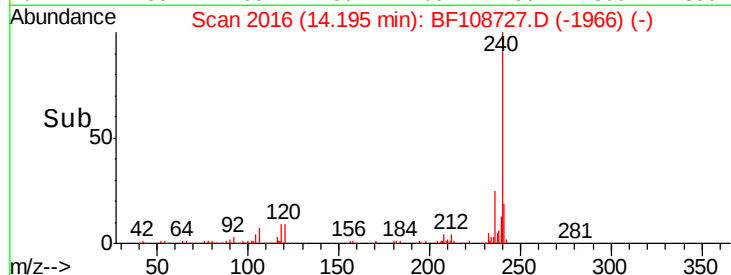
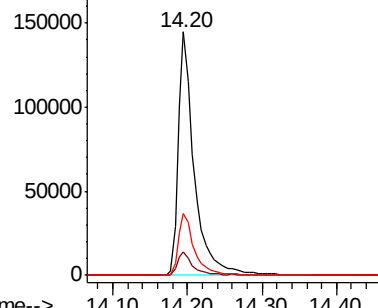
236 25.2 20.7 31.1



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



#76

Benzidine

Concen: 2.033 ng

RT: 13.12 min Scan# 1833

Delta R.T. 0.22 min

Lab File: BF108727.D

Acq: 1 Sep 2018 9:11

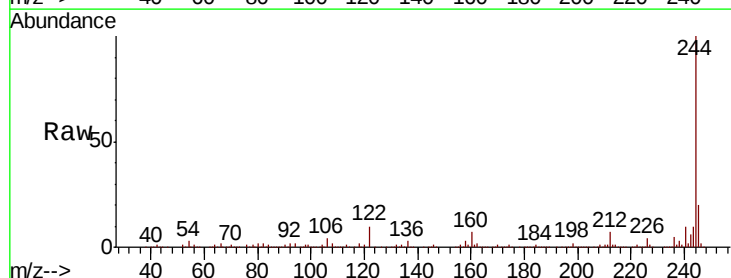
Tgt Ion:184 Resp: 12398

Ion Ratio Lower Upper

184 100

185 16.7 12.6 18.8

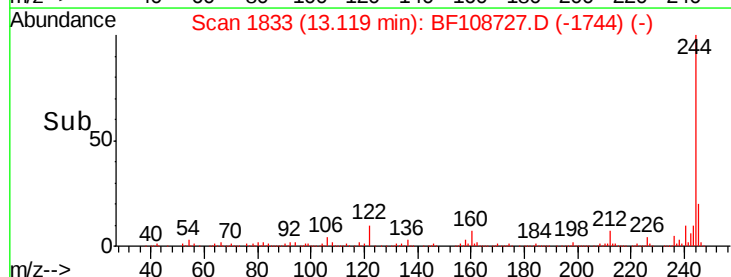
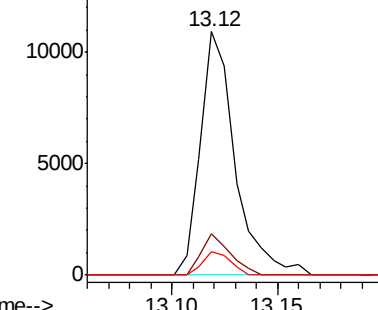
183 9.6 9.3 13.9

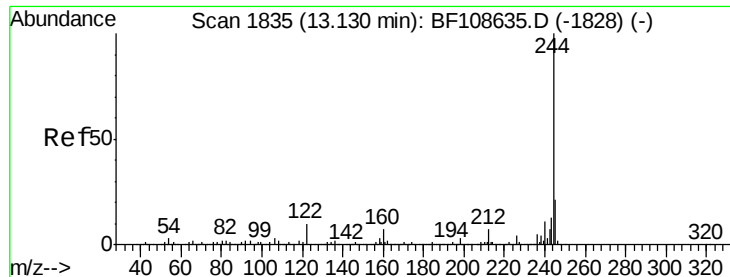


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

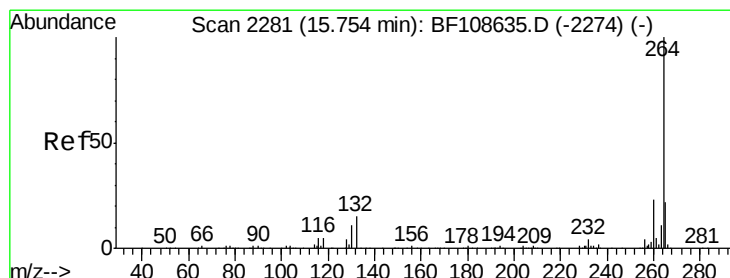
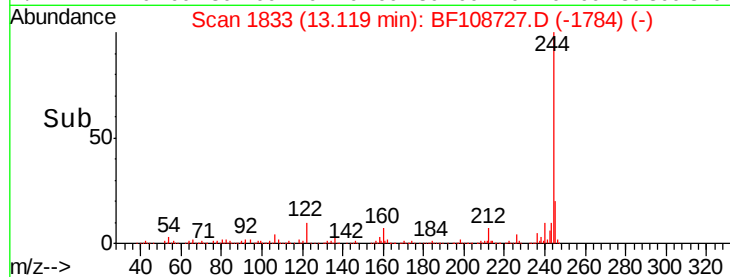
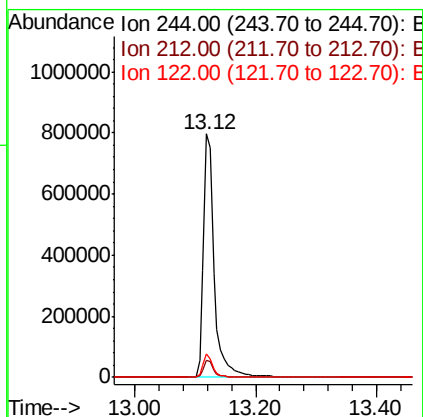
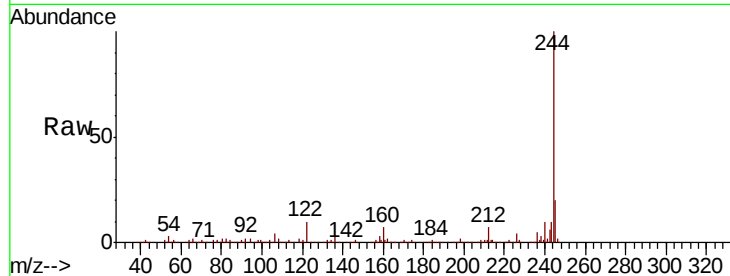




#78
 Terphenyl-d14
 Concen: 89.052 ng
 RT: 13.12 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF108727.D
 Acq: 1 Sep 2018 9:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 993021
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 9.8 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: BF108727.D
 Acq: 1 Sep 2018 9:11

Tgt Ion:264 Resp: 146868
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 20.7 17.5 26.3

