

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
 Data File : BF107869.D
 Acq On : 1 Aug 2018 00:07
 Operator : JU/SJ
 Sample : J3823-11 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-073018-A

Quant Time: Aug 01 01:01:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

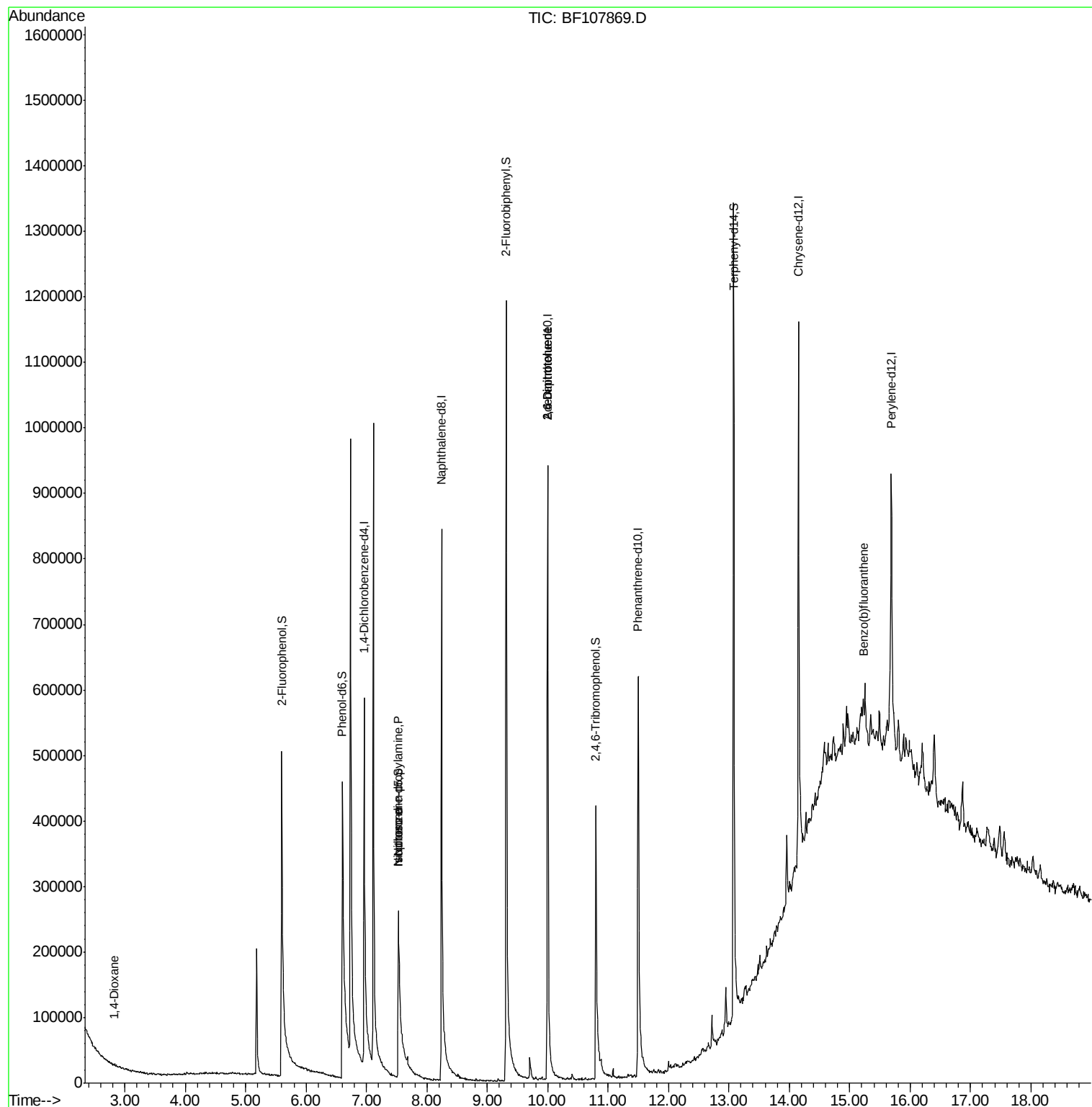
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	150277	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	622966	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	240193	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	428151	20.00	ng	0.00
75) Chrysene-d12	14.15	240	433840	20.00	ng	0.00
86) Perylene-d12	15.69	264	322201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	341323	38.60	ng	0.00
7) Phenol-d6	6.60	99	476902	40.92	ng	0.00
23) Nitrobenzene-d5	7.53	82	271861	25.14	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	102895	31.53	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	599926	34.80	ng	0.00
78) Terphenyl-d14	13.08	244	559384	27.96	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.83	88	358	5.869	ng	# 1
19) n-Nitroso-di-n-propylamine	7.53	70	32699	4.423	ng	# 80
25) Isophorone	7.53	82	271861	15.316	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	29485	7.521	ng	# 26
56) 2,4-Dinitrotoluene	10.00	165	29710	5.766	ng	# 24
87) Benzo(b)fluoranthene	15.24	252	32150	2.023	ng	# 37

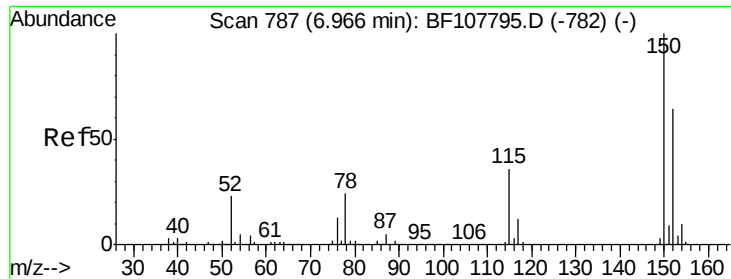
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF073118\
Data File : BF107869.D
Acq On : 1 Aug 2018 00:07
Operator : JU/SJ
Sample : J3823-11 2X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-01-073018-A

Quant Time: Aug 01 01:01:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 30 17:48:53 2018
Response via : Initial Calibration



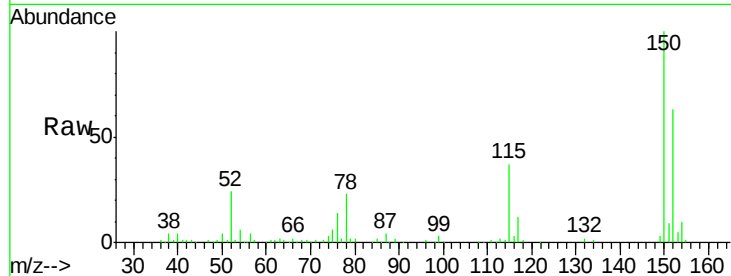


#1

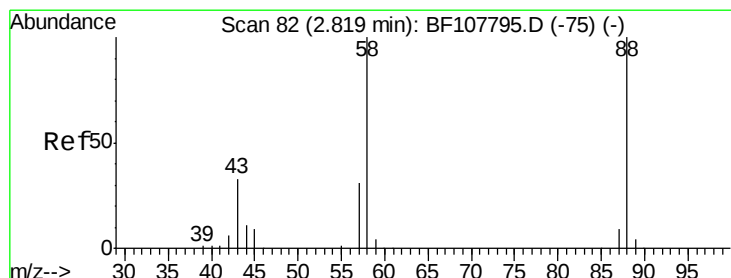
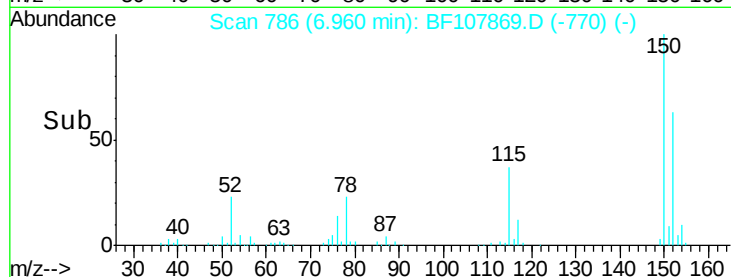
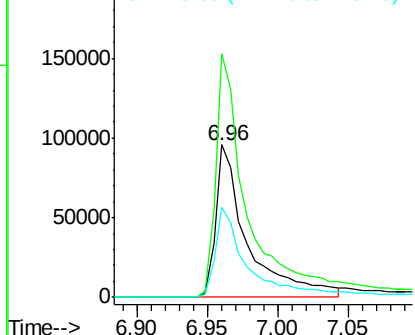
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF107869.D
Acq: 1 Aug 2018 00:07

Instrument :
BNA_F
ClientSampleId :
CL-01-073018-A

Tgt Ion:152 Resp: 150277
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 58.8 50.1 75.1



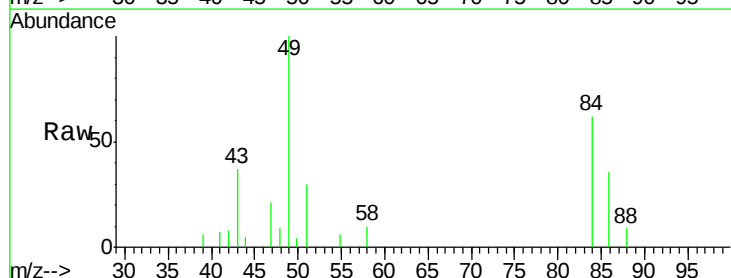
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



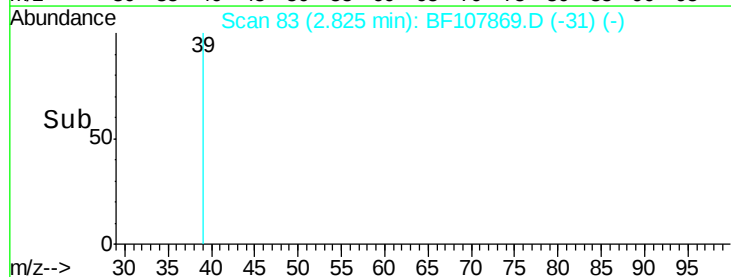
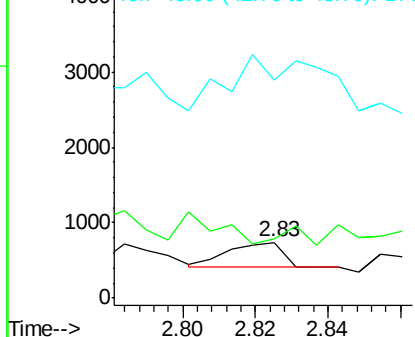
#2

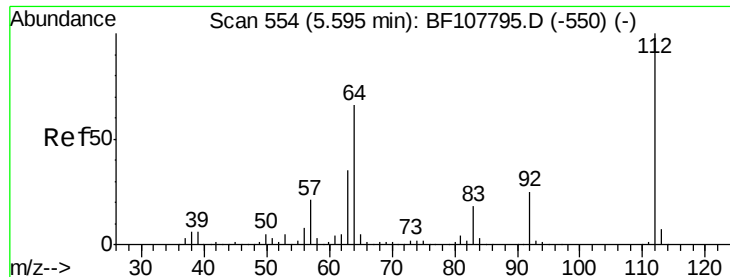
1,4-Dioxane
Concen: 5.869 ng
RT: 2.83 min Scan# 83
Delta R.T. 0.01 min
Lab File: BF107869.D
Acq: 1 Aug 2018 00:07

Tgt Ion: 88 Resp: 358
Ion Ratio Lower Upper
88 100
58 24.9 62.6 93.8#
43 383.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

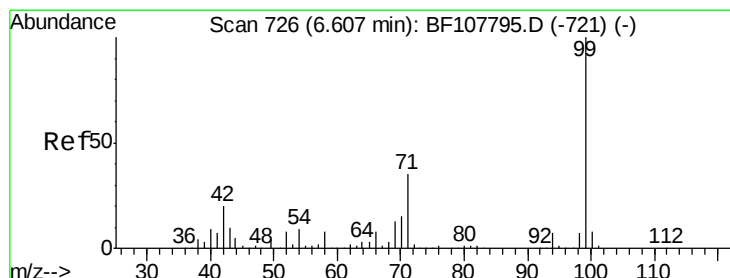
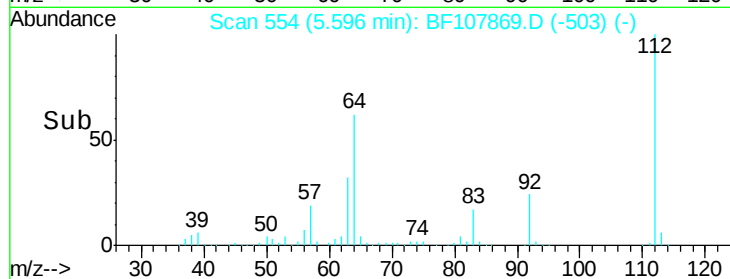
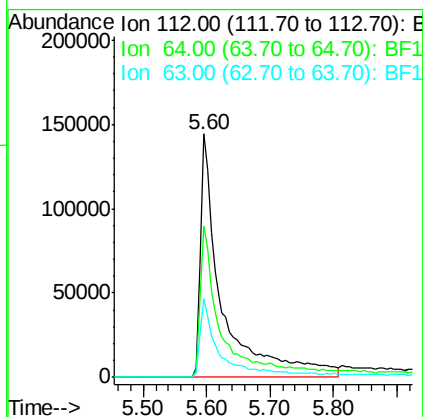
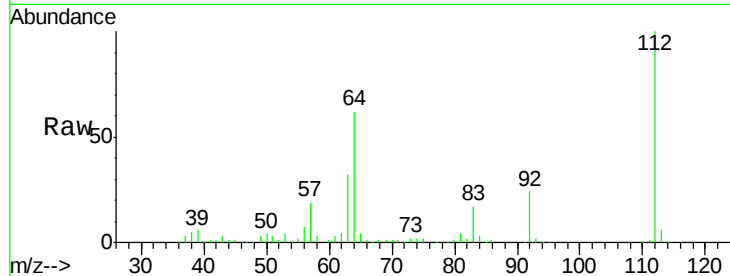




#5
 2-Fluorophenol
 Concen: 38.602 ng
 RT: 5.60 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF107869.D
 Acq: 1 Aug 2018 00:07

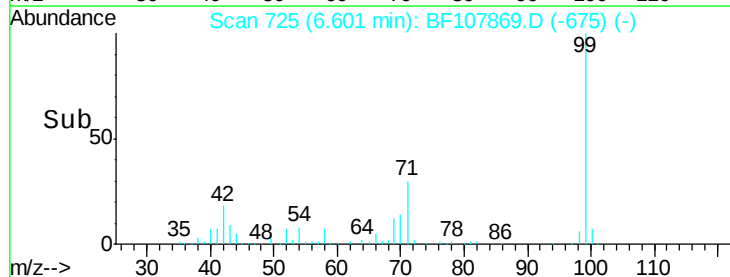
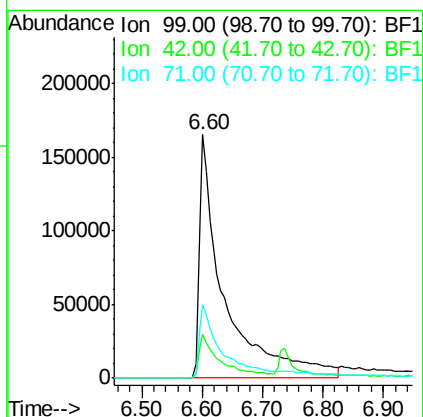
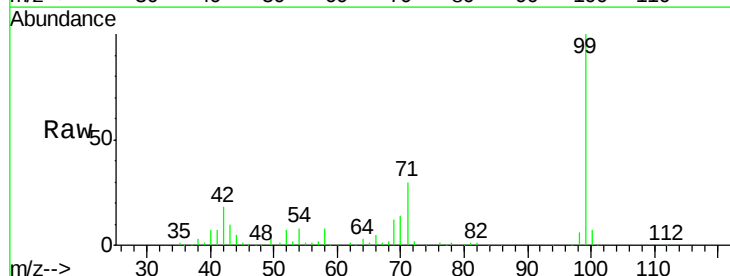
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-073018-A

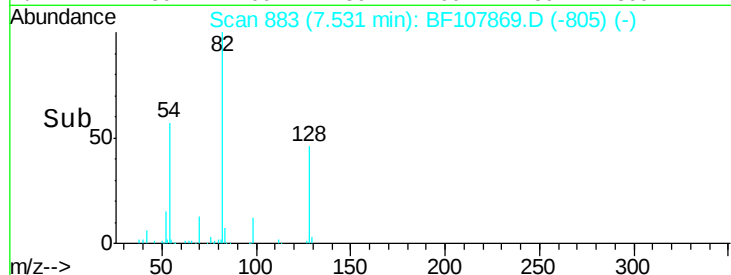
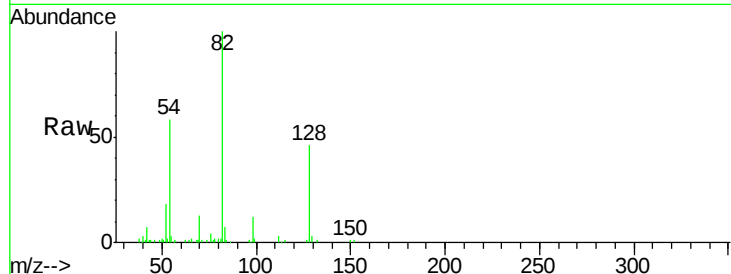
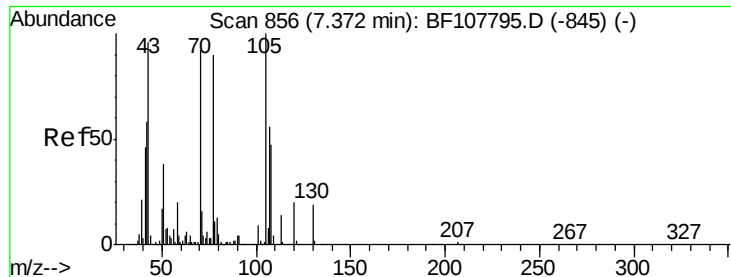
Tgt Ion: 112 Resp: 341323
 Ion Ratio Lower Upper
 112 100
 64 62.4 47.9 71.9
 63 32.0 23.7 35.5



#7
 Phenol-d6
 Concen: 40.924 ng
 RT: 6.60 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF107869.D
 Acq: 1 Aug 2018 00:07

Tgt Ion: 99 Resp: 476902
 Ion Ratio Lower Upper
 99 100
 42 18.2 14.5 21.7
 71 30.0 25.4 38.0

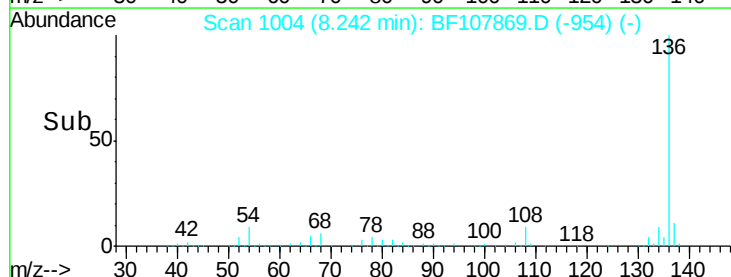
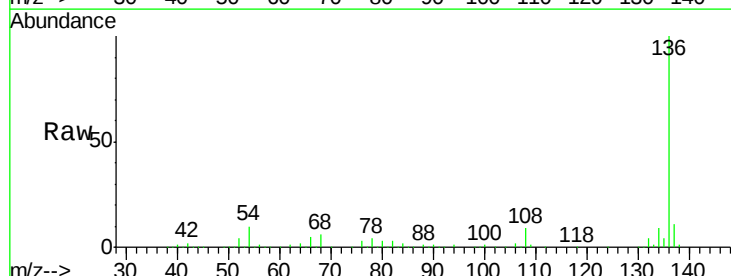
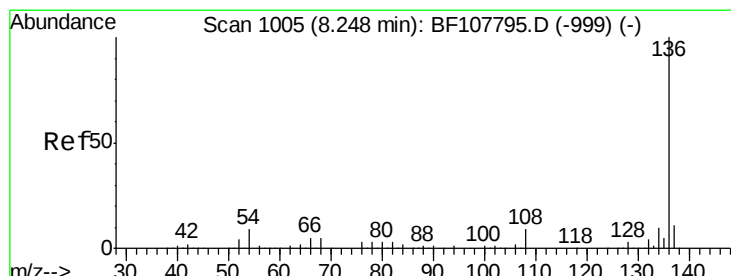
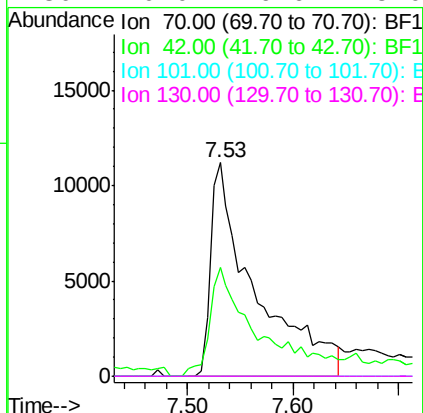




#19
n-Nitroso-di-n-propylamine
Concen: 4.423 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.16 min
Lab File: BF107869.D
Acq: 1 Aug 2018 00:07

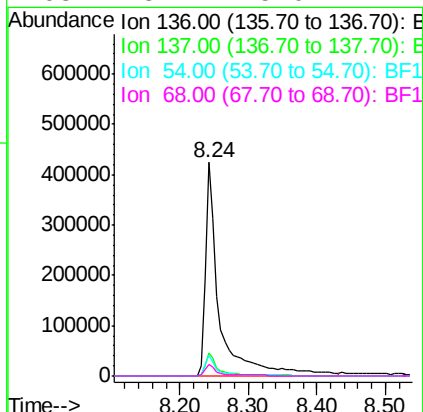
Instrument :
BNA_F
ClientSampleId :
CL-01-073018-A

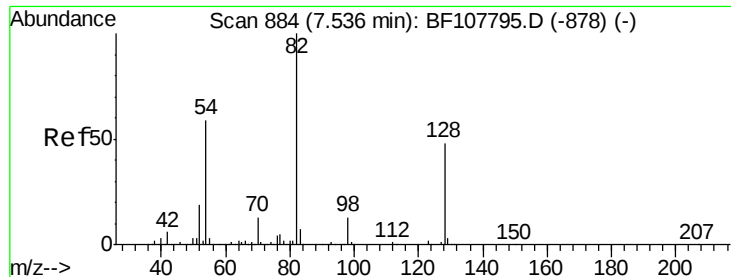
Tgt Ion:	70	Resp:	32699
Ion	Ratio	Lower	Upper
70	100		
42	51.2	47.5	71.3
101	0.0	7.4	11.2#
130	0.0	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF107869.D
Acq: 1 Aug 2018 00:07

Tgt Ion:	136	Resp:	622966
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.6	6.6	9.8
68	5.7	5.0	7.4

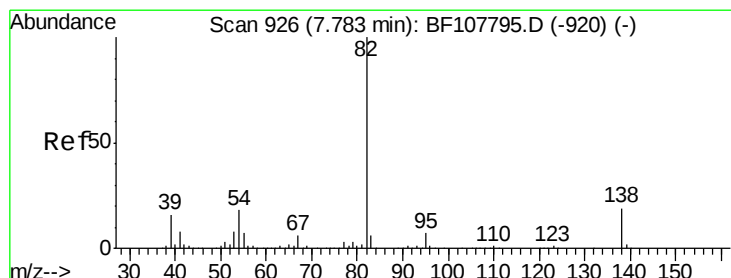
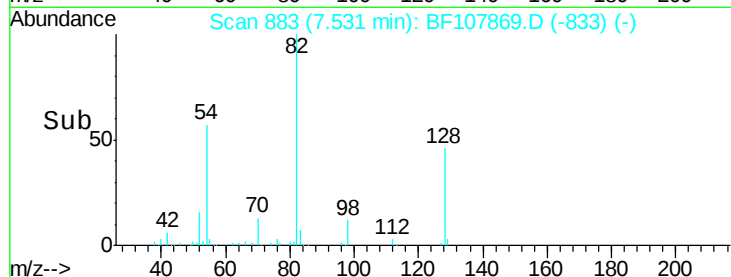
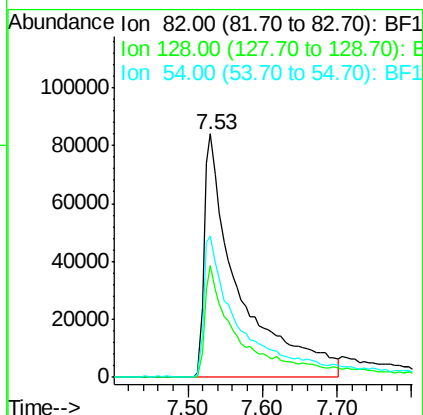
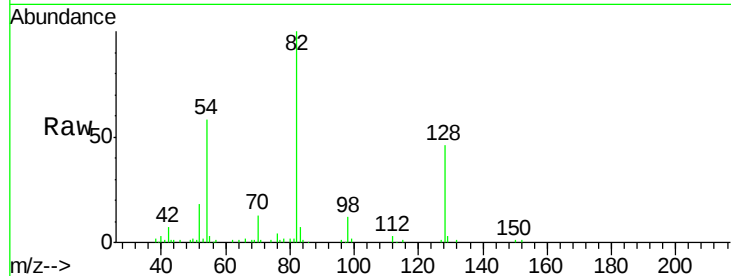




#23
Nitrobenzene-d5
Concen: 25.141 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107869.D
Acq: 1 Aug 2018 00:07

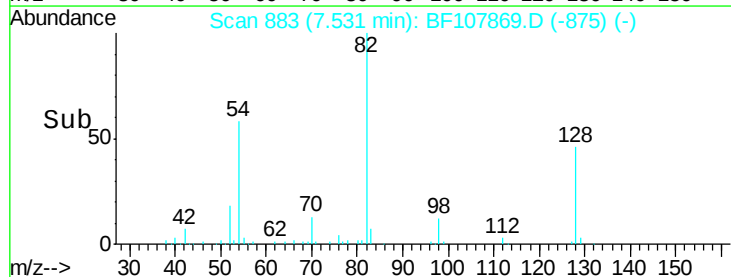
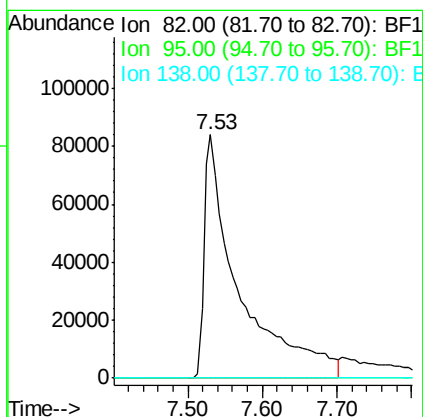
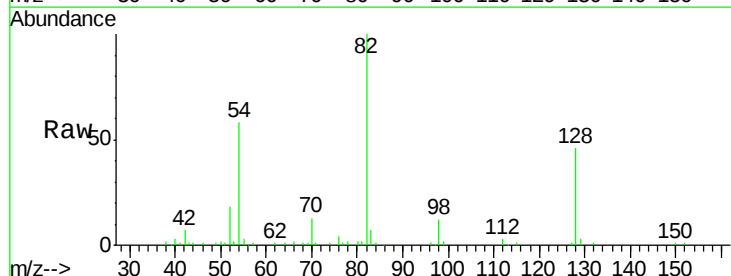
Instrument :
BNA_F
ClientSampleId :
CL-01-073018-A

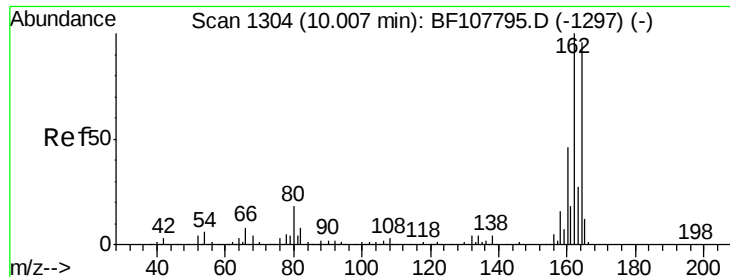
Tgt Ion: 82 Resp: 271861
Ion Ratio Lower Upper
82 100
128 46.0 36.1 54.1
54 58.1 41.4 62.2



#25
Isophorone
Concen: 15.316 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.25 min
Lab File: BF107869.D
Acq: 1 Aug 2018 00:07

Tgt Ion: 82 Resp: 271861
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

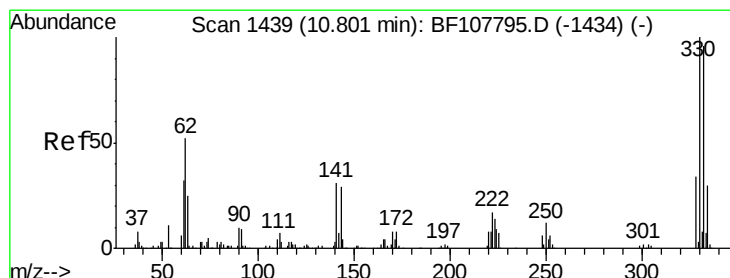
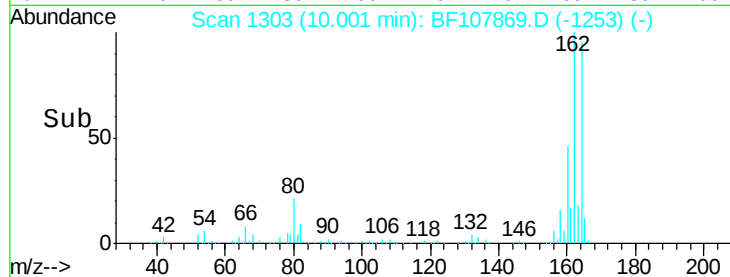
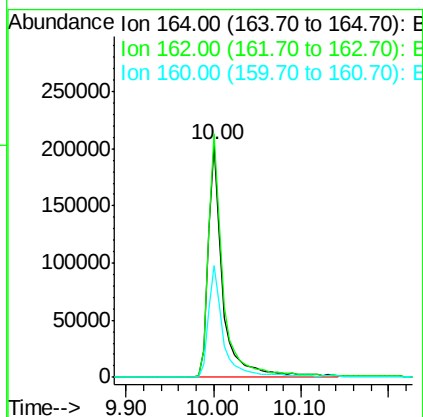
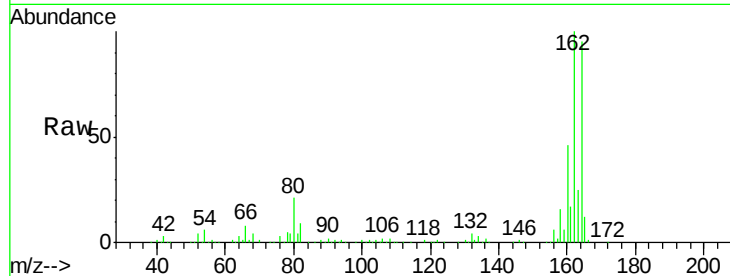




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF107869.D
 Acq: 1 Aug 2018 00:07

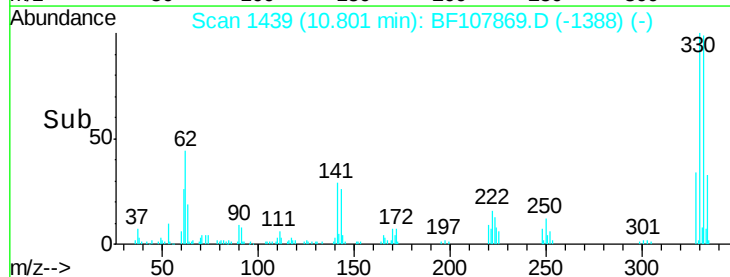
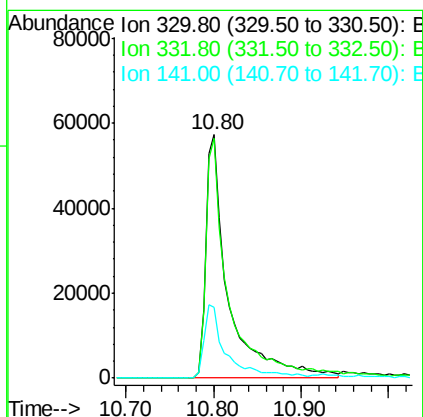
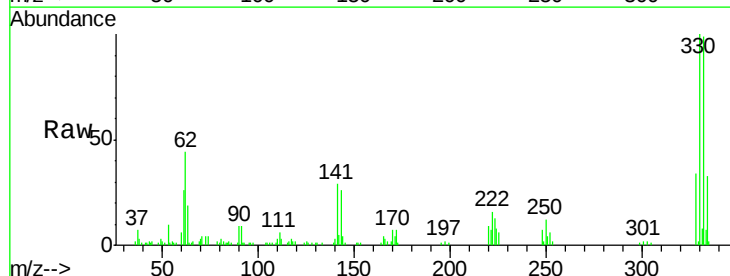
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-073018-A

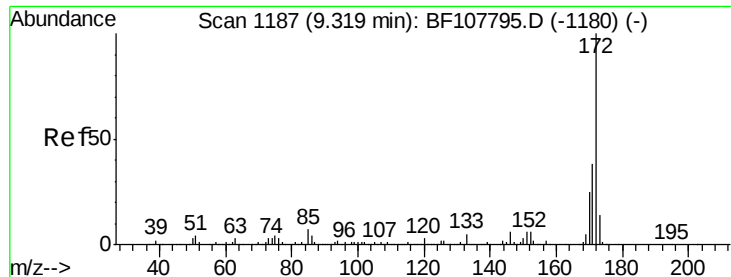
Tgt Ion:164 Resp: 240193
 Ion Ratio Lower Upper
 164 100
 162 104.7 86.1 129.1
 160 48.3 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 31.527 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF107869.D
 Acq: 1 Aug 2018 00:07

Tgt Ion:330 Resp: 102895
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.0 115.6
 141 29.8 29.9 44.9#

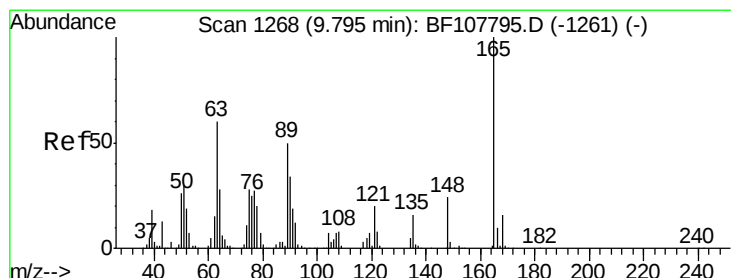
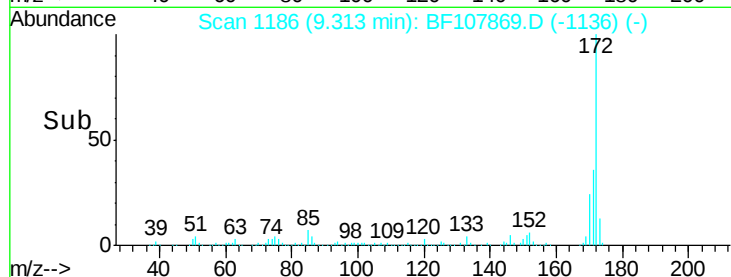
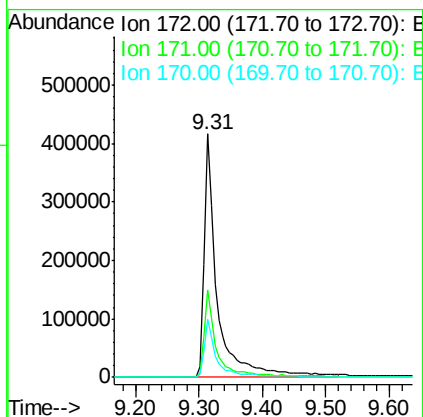
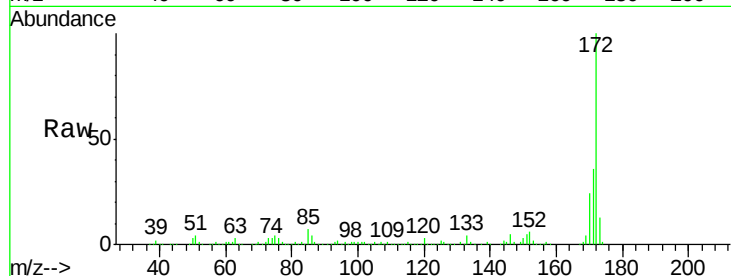




#44
 2-Fluorobiphenyl
 Concen: 34.805 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF107869.D
 Acq: 1 Aug 2018 00:07

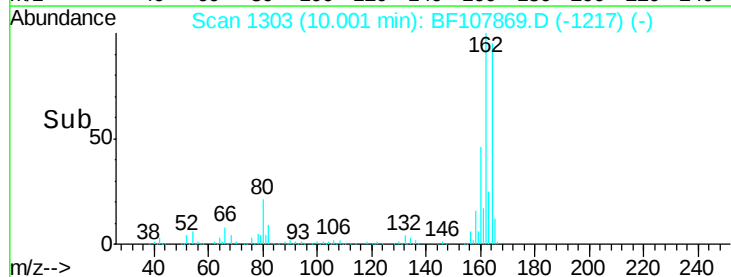
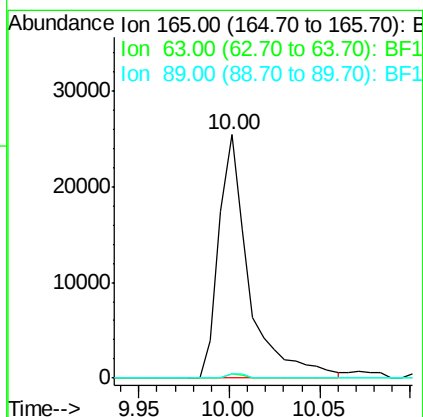
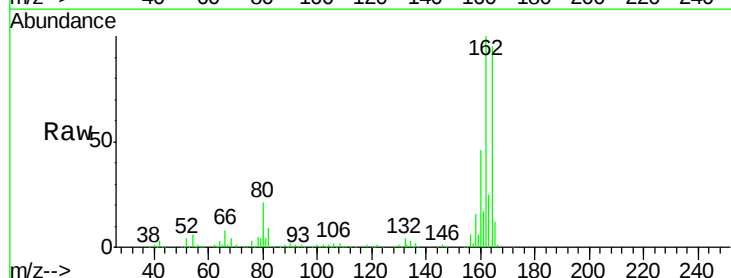
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-073018-A

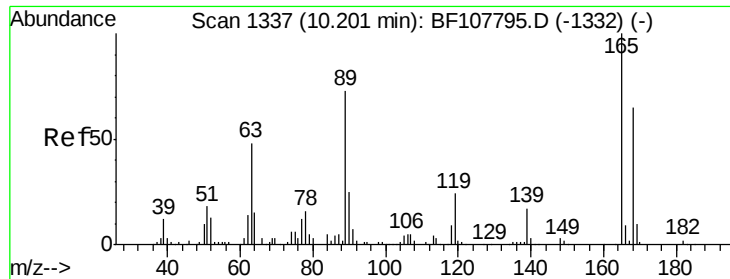
Tgt Ion:172 Resp: 599926
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.9 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.521 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF107869.D
 Acq: 1 Aug 2018 00:07

Tgt Ion:165 Resp: 29485
 Ion Ratio Lower Upper
 165 100
 63 1.6 44.7 67.1#
 89 2.0 44.0 66.0#

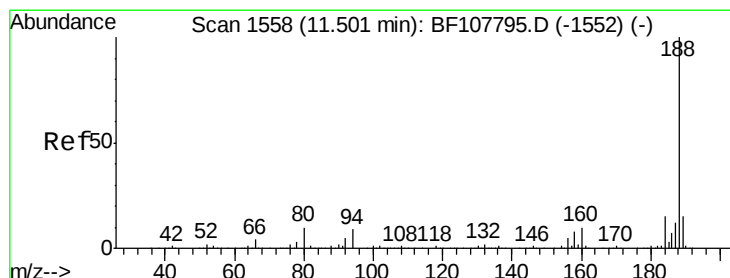
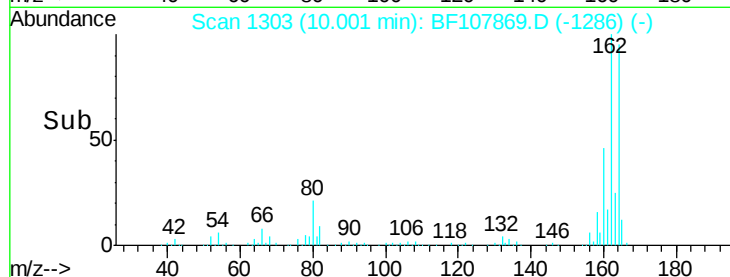
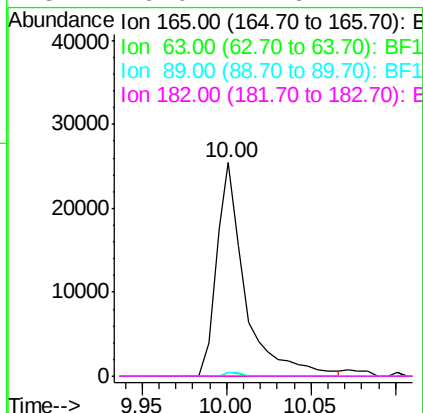
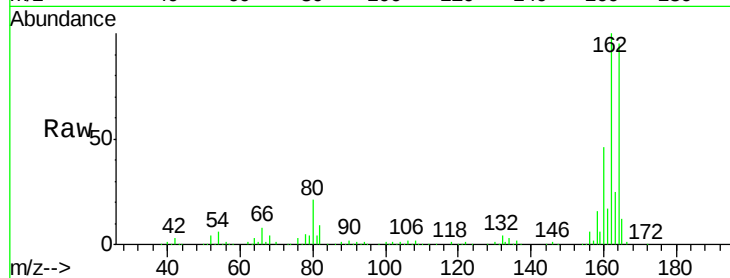




#56
 2,4-Dinitrotoluene
 Concen: 5.766 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF107869.D
 Acq: 1 Aug 2018 00:07

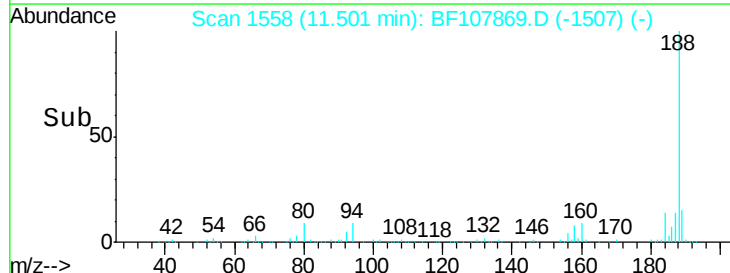
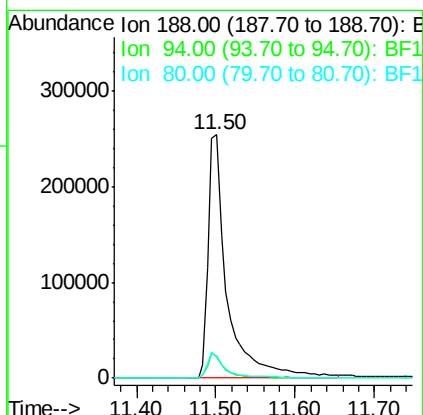
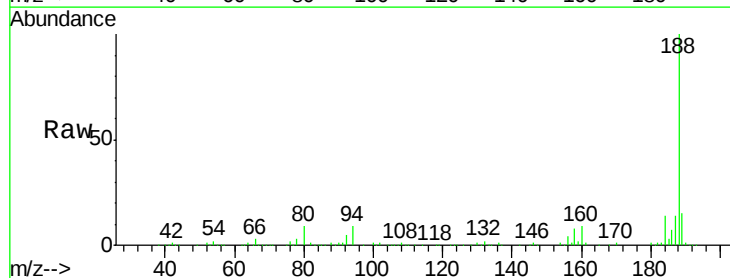
Instrument :
 BNA_F
 ClientSampleId :
 CL-01-073018-A

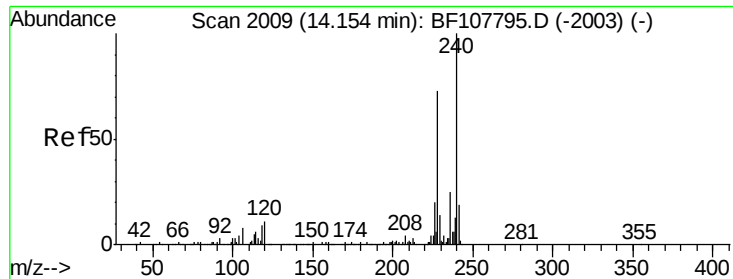
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	2.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF107869.D
 Acq: 1 Aug 2018 00:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.5	12.7
80	8.8	9.2	13.8#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BF107869.D

Acq: 1 Aug 2018 00:07

Instrument :

BNA_F

ClientSampleId :

CL-01-073018-A

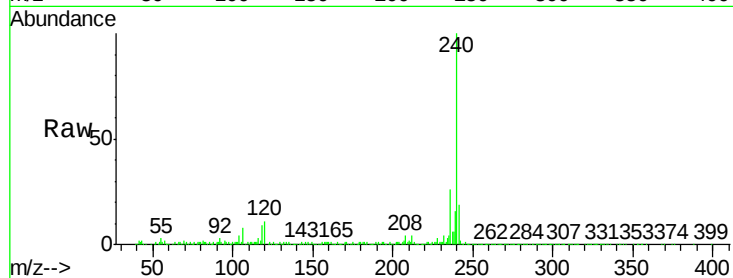
Tgt Ion:240 Resp: 433840

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

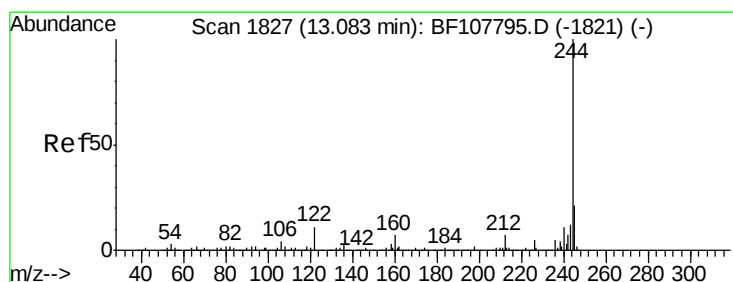
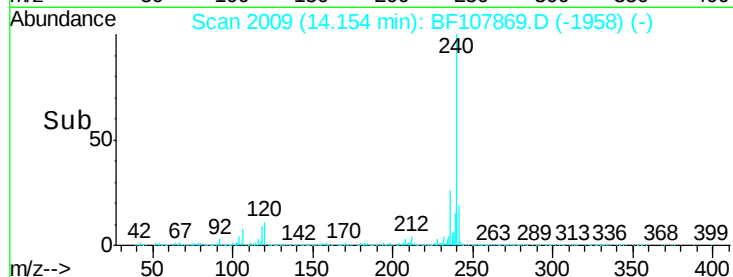
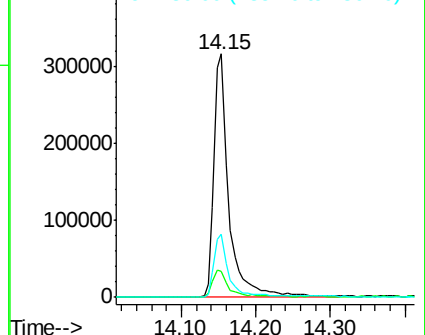
236 25.8 20.7 31.1



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: 27.959 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF107869.D

Acq: 1 Aug 2018 00:07

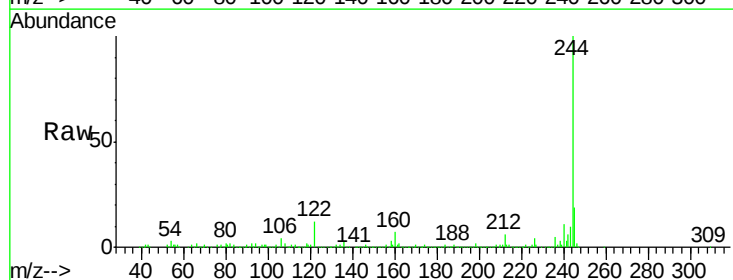
Tgt Ion:244 Resp: 559384

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

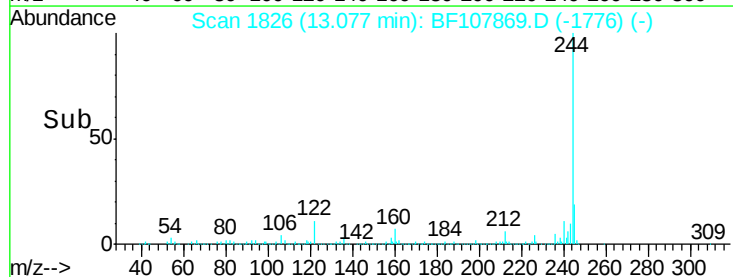
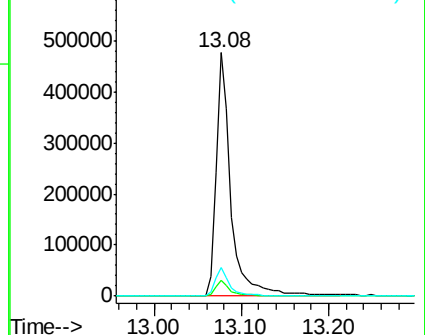
122 11.5 11.0 16.4

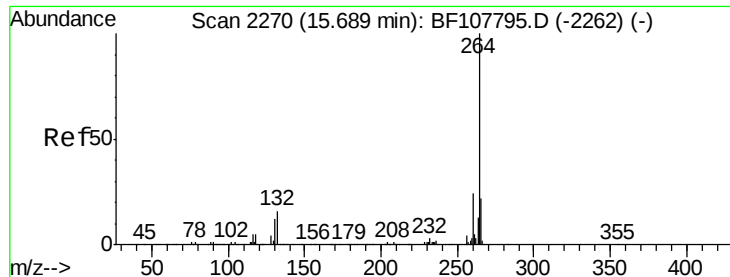


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



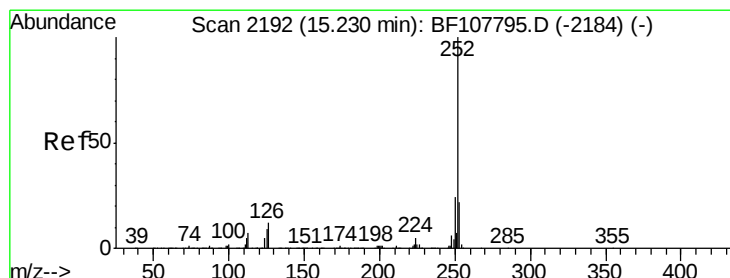
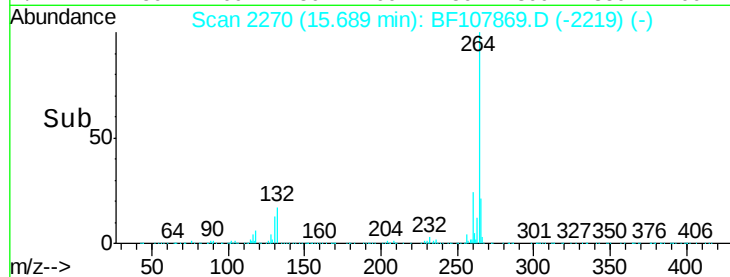
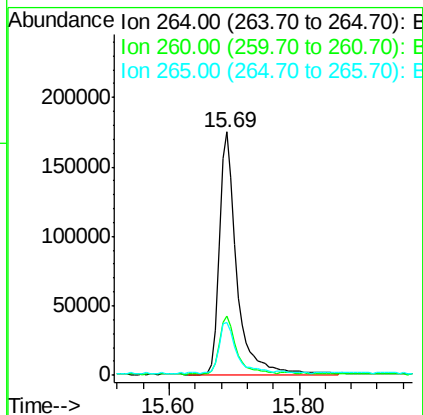
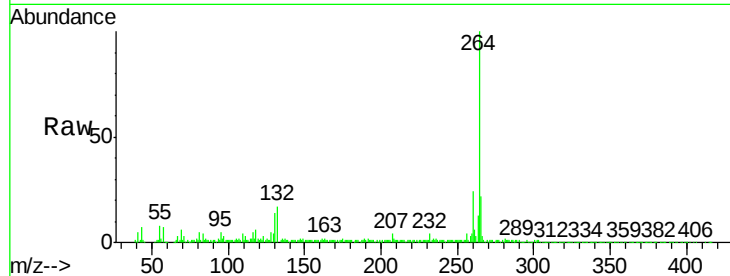


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. 0.00 min
Lab File: BF107869.D
Acq: 1 Aug 2018 00:07

Instrument :
BNA_F
ClientSampleId :
CL-01-073018-A

Tgt Ion: 264 Resp: 322201

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 2.023 ng
RT: 15.24 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF107869.D
Acq: 1 Aug 2018 00:07

Tgt Ion: 252 Resp: 32150

Ion	Ratio	Lower	Upper
252	100		
253	49.5	17.0	25.6#
125	37.1	9.0	13.6#

