

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106854.D
 Acq On : 27 Jun 2018 5:59
 Operator : JU/SJ
 Sample : J3639-07
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 062018-TIPC-E-D-M

Quant Time: Jun 27 06:38:49 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

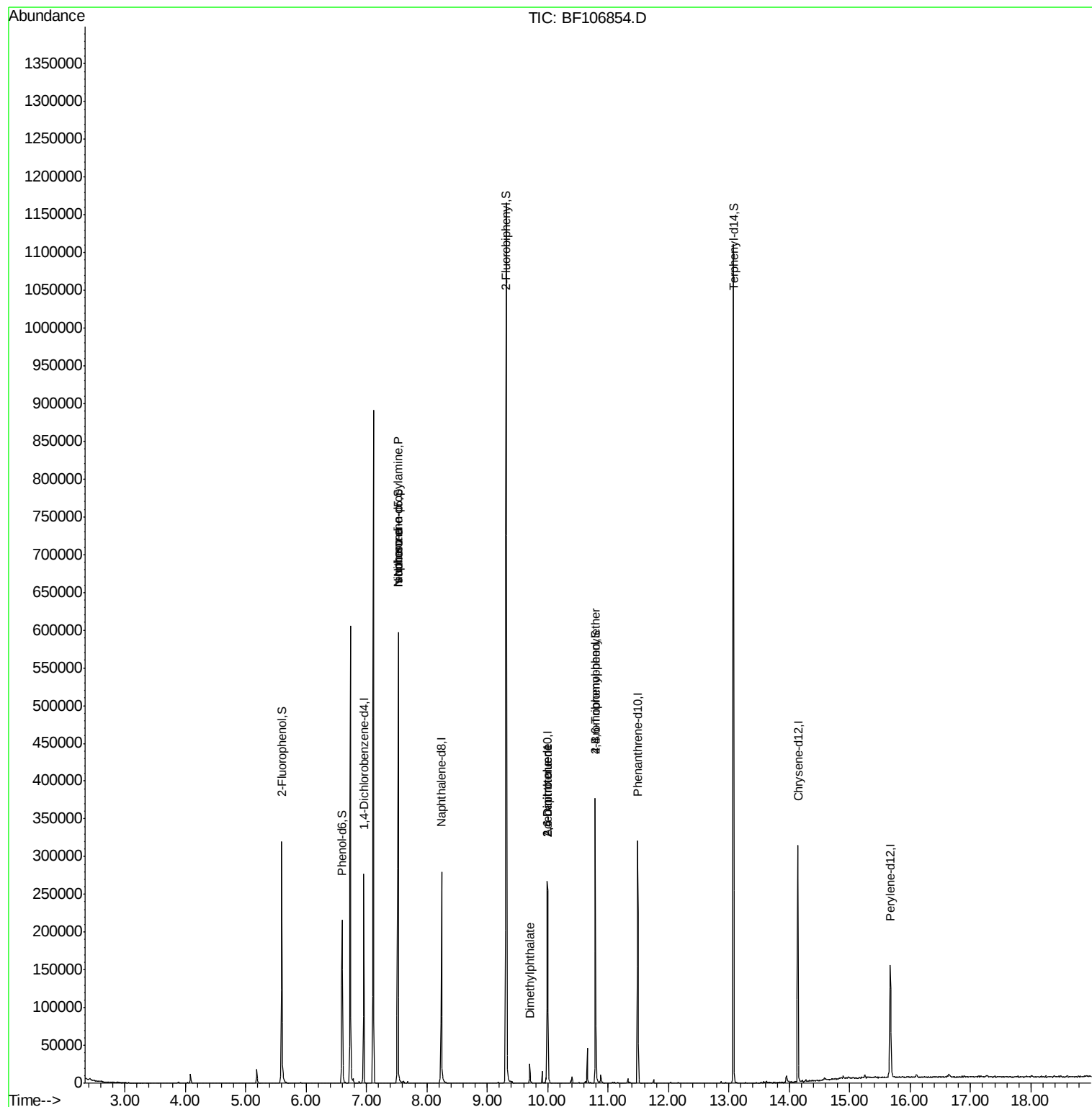
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	42572	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	146977	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	64891	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	125926	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	127532	20.00	ng	-0.02
86) Perylene-d12	15.67	264	84749	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	93208	37.07	ng	0.00
7) Phenol-d6	6.60	99	72656	23.14	ng	-0.02
23) Nitrobenzene-d5	7.52	82	213040	80.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	54440	72.38	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	396293	107.23	ng	-0.01
78) Terphenyl-d14	13.08	244	453981	86.23	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	27541	13.308	ng	# 72
25) Isophorone	7.52	82	213036	45.712	ng	# 64
49) Dimethylphthalate	9.71	163	14685	3.017	ng	# 96
50) 2,6-Dinitrotoluene	10.00	165	7933	7.698	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	7933	5.897	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	3260	2.169	ng	# 1

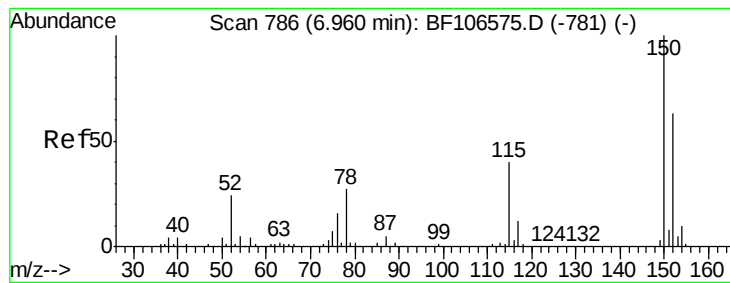
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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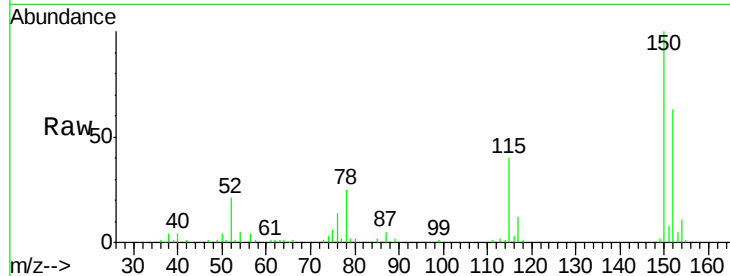




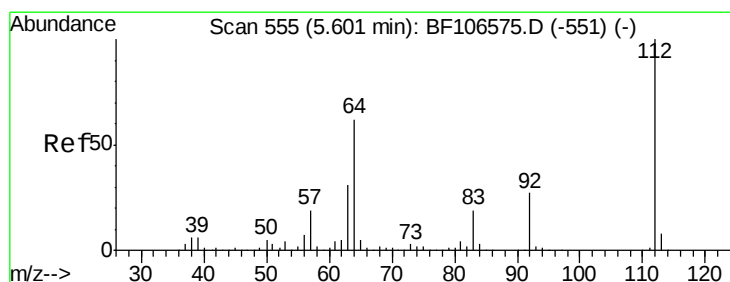
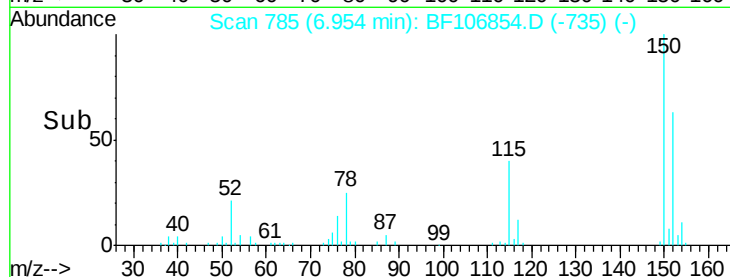
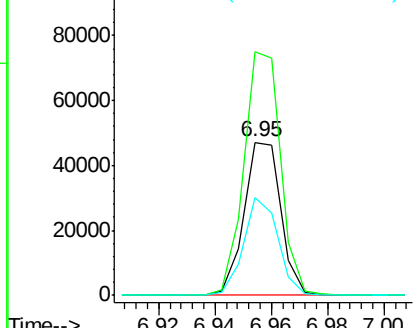
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106854.D
 Acq: 27 Jun 2018 5:59

Instrument :
 BNA_F
 ClientSampleId :
 062018-TIPC-E-D-M

Tgt Ion:152 Resp: 42572
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.6 186.8
 115 63.6 50.1 75.1

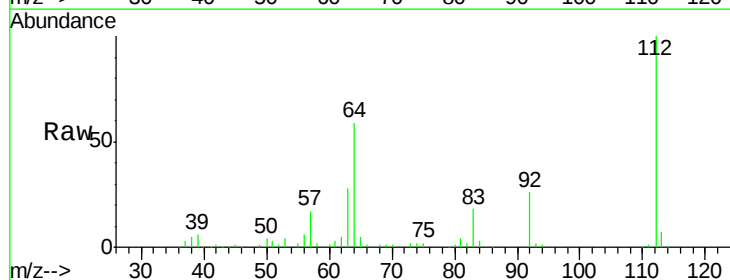


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

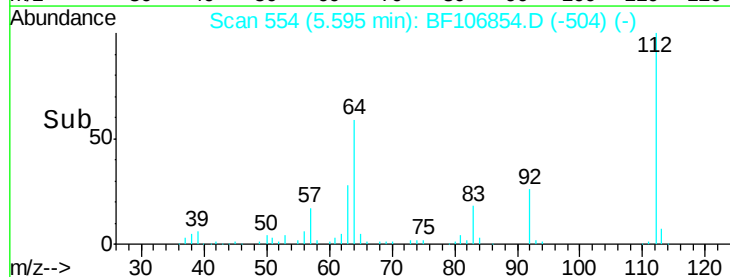
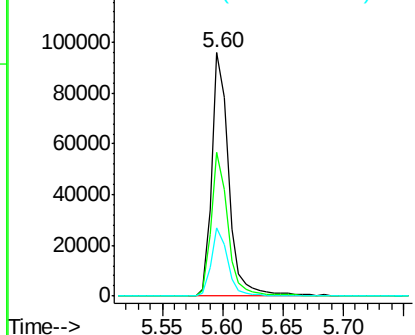


#5
 2-Fluorophenol
 Concen: 37.074 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF106854.D
 Acq: 27 Jun 2018 5:59

Tgt Ion:112 Resp: 93208
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.9 71.9
 63 28.2 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: 23.141 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106854.D

Acq: 27 Jun 2018 5:59

Instrument :

BNA_F

ClientSampleId :

062018-TIPC-E-D-M

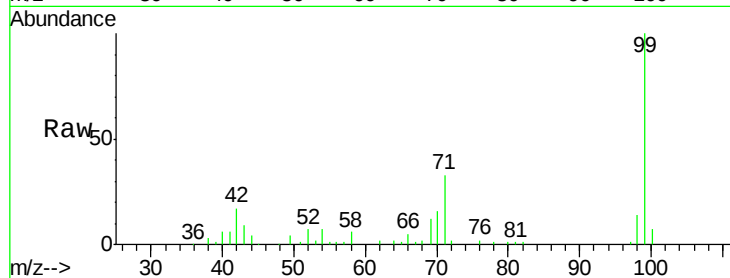
Tgt Ion: 99 Resp: 72656

Ion Ratio Lower Upper

99 100

42 16.6 14.5 21.7

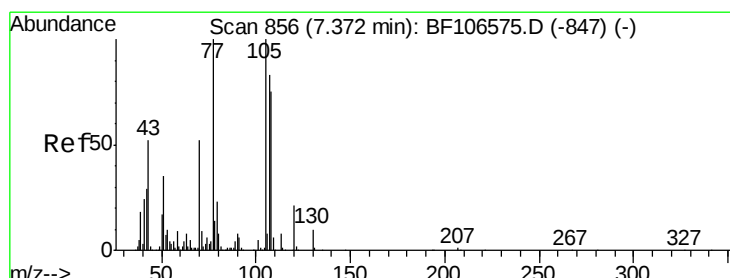
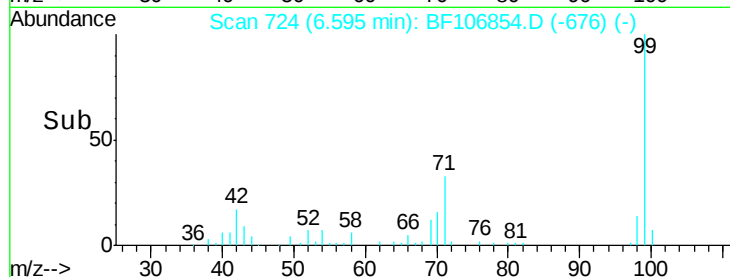
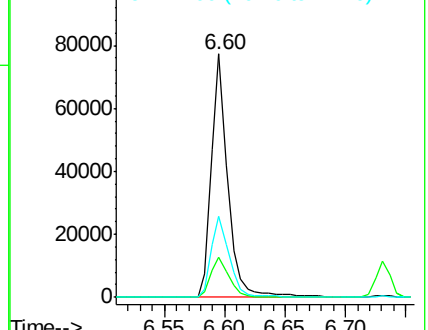
71 33.4 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.308 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106854.D

Acq: 27 Jun 2018 5:59

Tgt Ion: 70 Resp: 27541

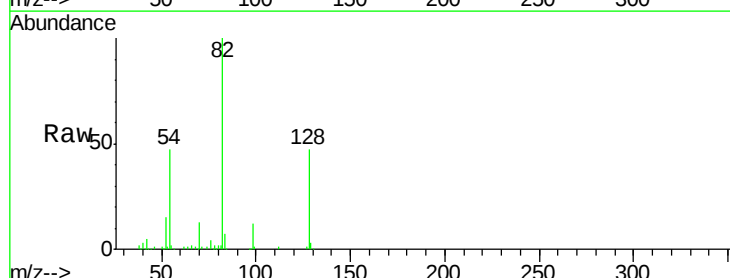
Ion Ratio Lower Upper

70 100

42 40.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

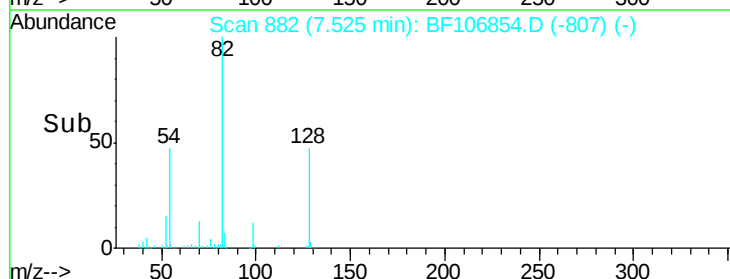
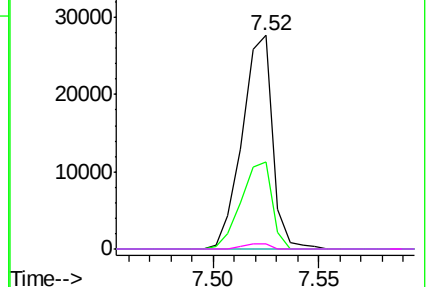


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

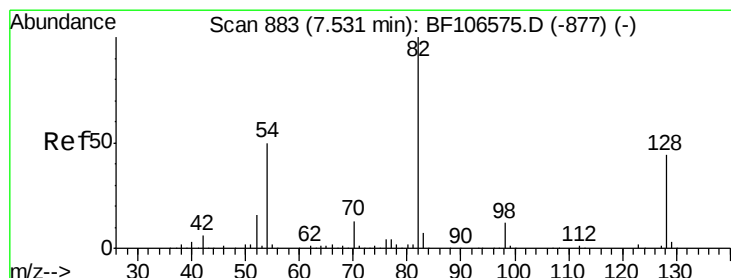
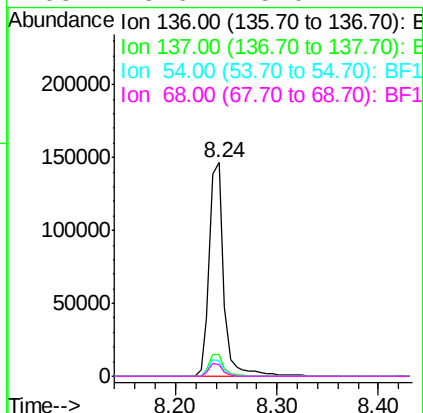
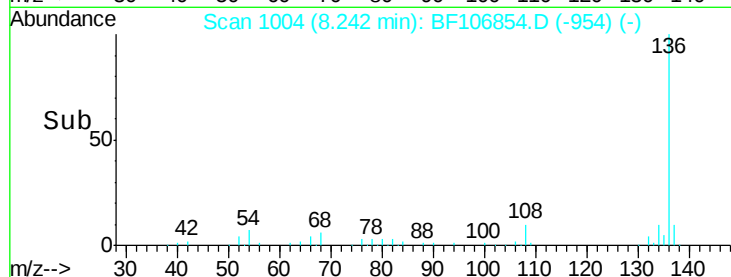
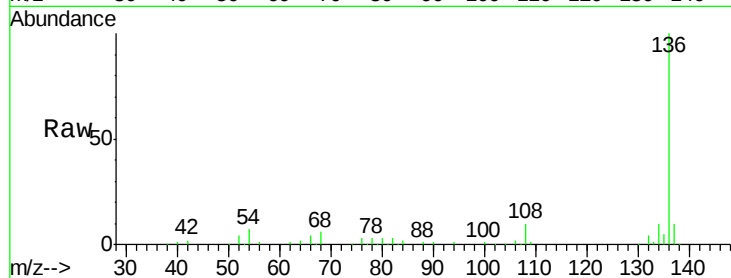




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106854.D
Acq: 27 Jun 2018 5:59

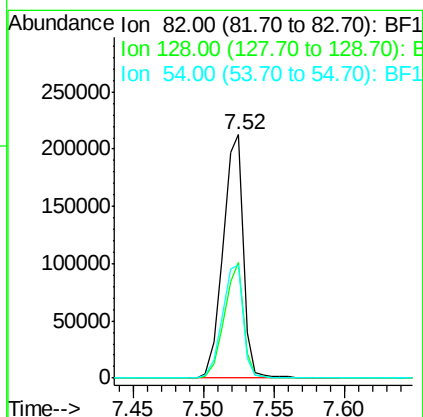
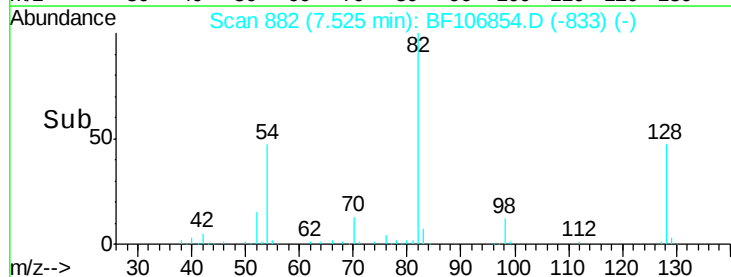
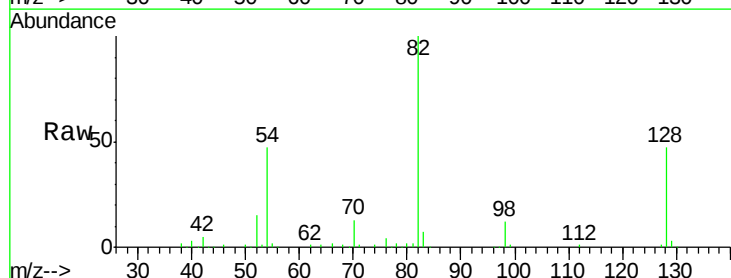
Instrument :
BNA_F
ClientSampleId :
062018-TIPC-E-D-M

Tgt Ion:	136	Resp:	146977
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.9	13.3
54	7.3	6.6	9.8
68	5.6	5.0	7.4



#23
Nitrobenzene-d5
Concen: 80.553 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106854.D
Acq: 27 Jun 2018 5:59

Tgt Ion:	82	Resp:	213040
Ion	Ratio	Lower	Upper
82	100		
128	47.2	36.1	54.1
54	46.5	41.4	62.2

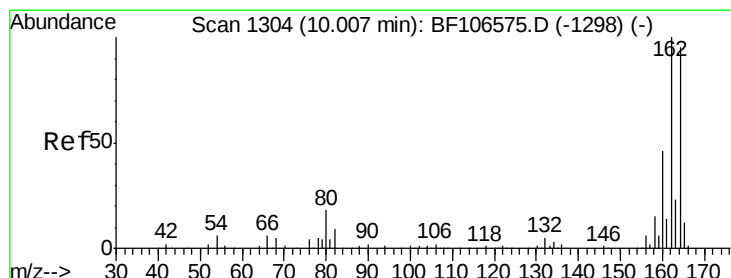
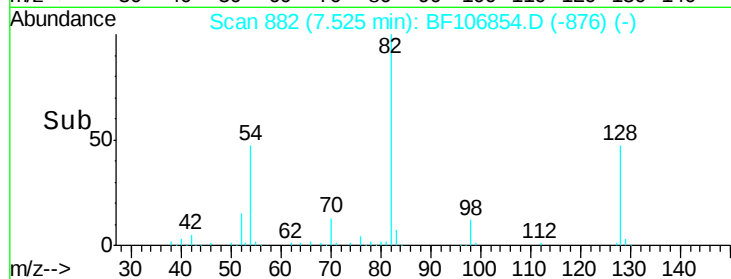
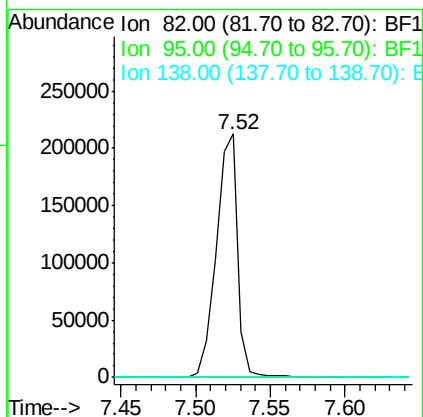
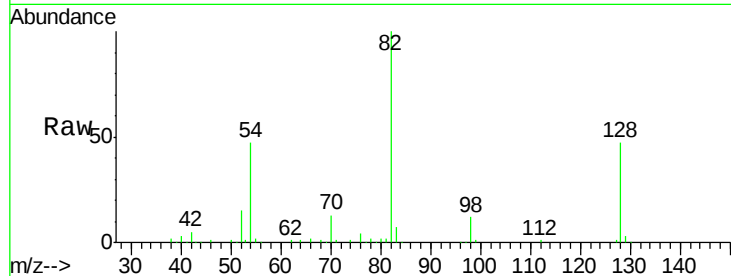




#25
Isophorone
Concen: 45.712 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106854.D
Acq: 27 Jun 2018 5:59

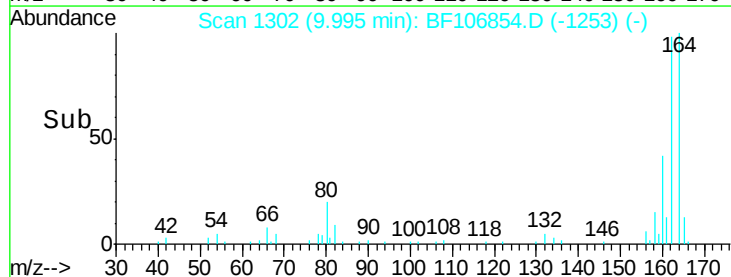
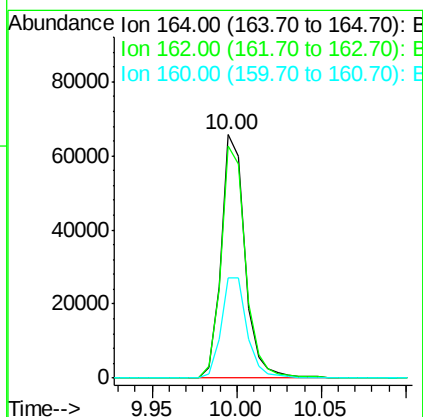
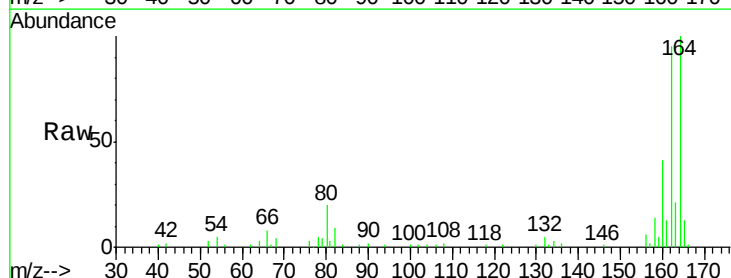
Instrument :
BNA_F
ClientSampleId :
062018-TIPC-E-D-M

Tgt Ion: 82 Resp: 213036
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# 1302
Delta R.T. -0.01 min
Lab File: BF106854.D
Acq: 27 Jun 2018 5:59

Tgt Ion: 164 Resp: 64891
Ion Ratio Lower Upper
164 100
162 95.5 86.1 129.1
160 41.1 38.3 57.5

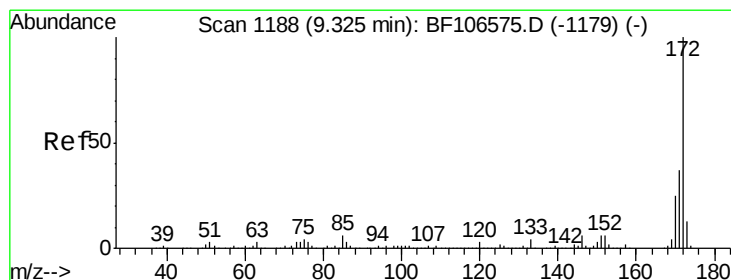
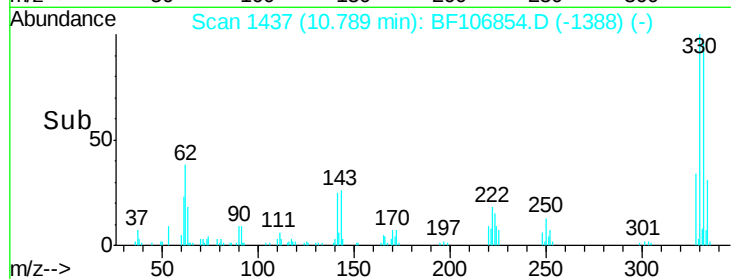
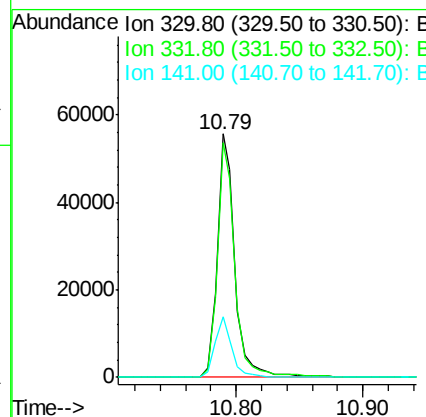
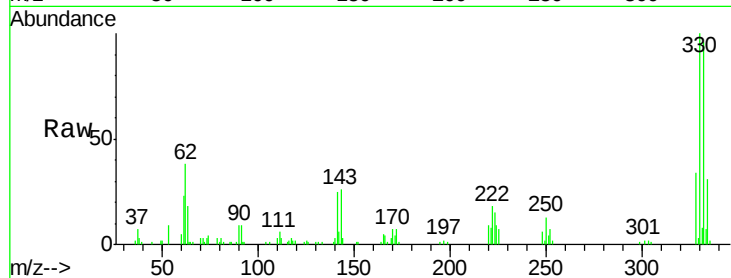




#41
 2,4,6-Tribromophenol
 Concen: 72.384 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106854.D
 Acq: 27 Jun 2018 5:59

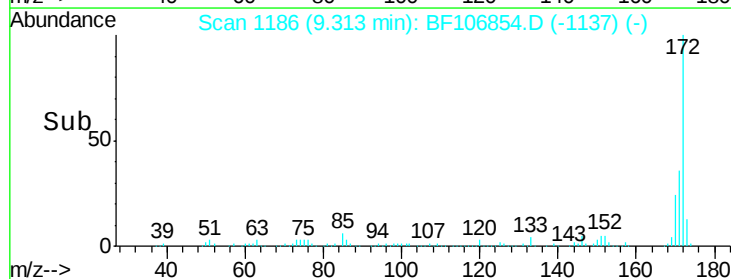
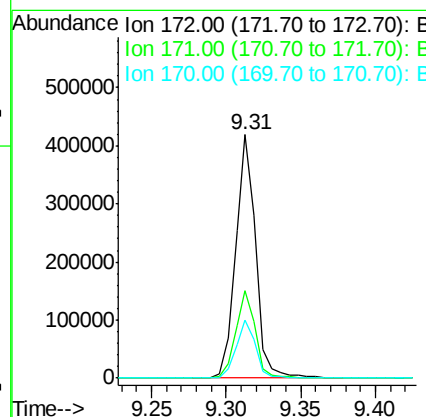
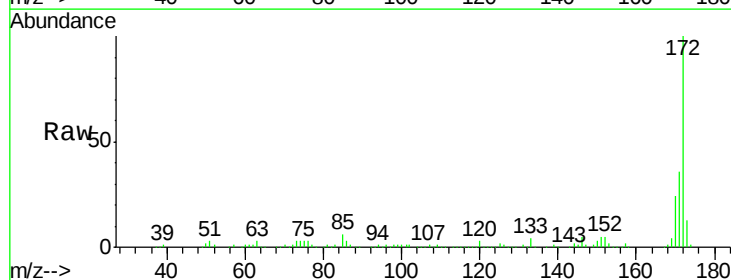
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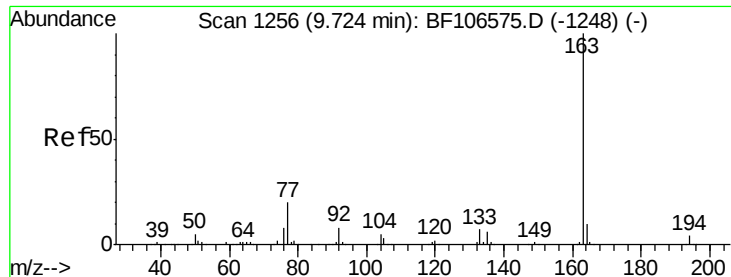
Tgt Ion:330 Resp: 54440
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 23.7 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 107.227 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106854.D
 Acq: 27 Jun 2018 5:59

Tgt Ion:172 Resp: 396293
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.0 19.6 29.4





#49

Dimethylphthalate

Concen: 3.017 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF106854.D

Acq: 27 Jun 2018 5:59

Instrument :

BNA_F

ClientSampleId :

062018-TIPC-E-D-M

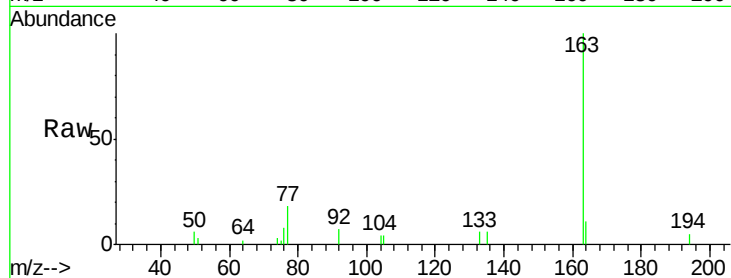
Tgt Ion:163 Resp: 14685

Ion Ratio Lower Upper

163 100

194 5.0 2.7 4.1#

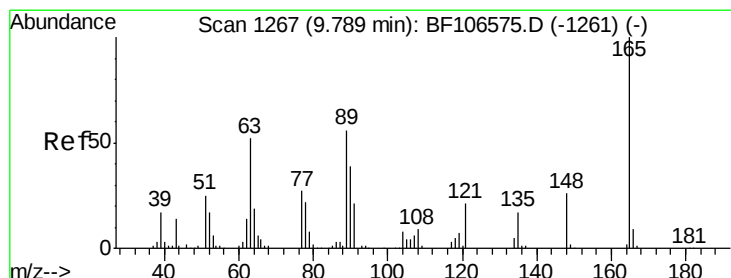
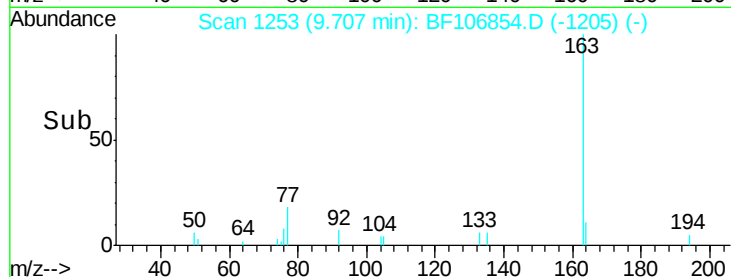
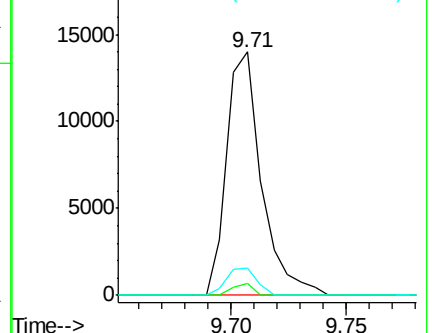
164 11.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 7.698 ng

RT: 10.00 min Scan# 1302

Delta R.T. 0.20 min

Lab File: BF106854.D

Acq: 27 Jun 2018 5:59

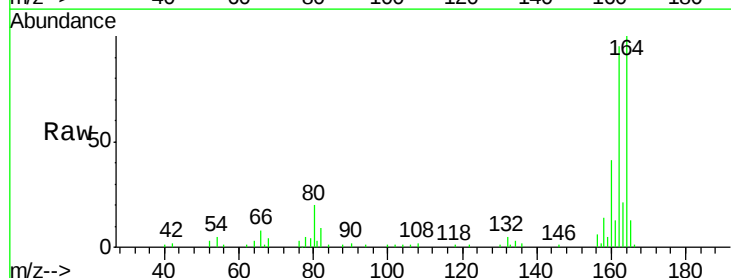
Tgt Ion:165 Resp: 7933

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

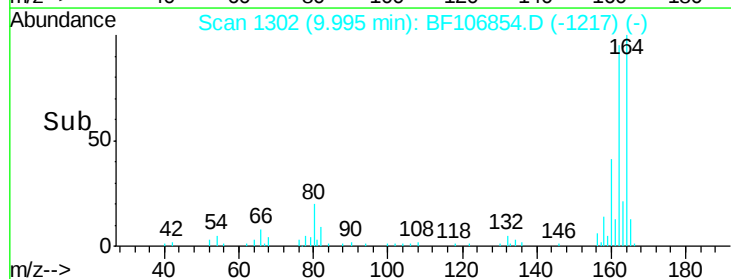
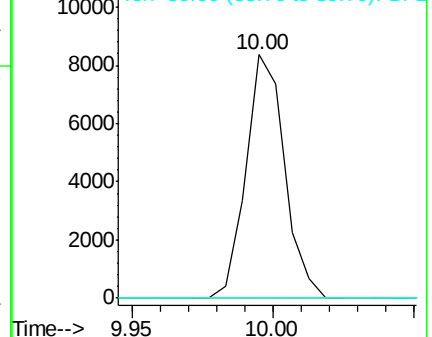
89 0.0 44.0 66.0#



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

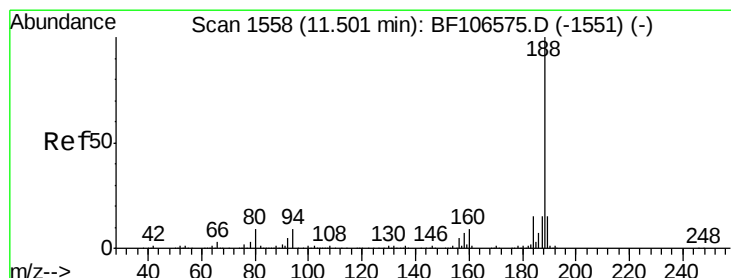
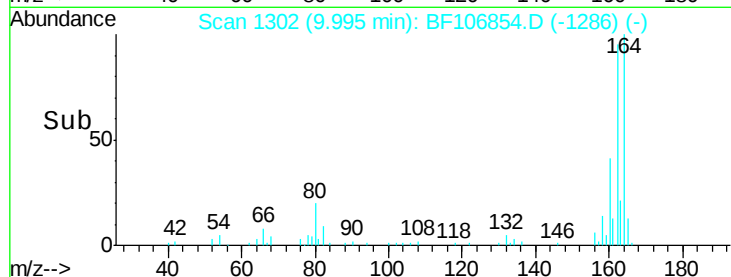
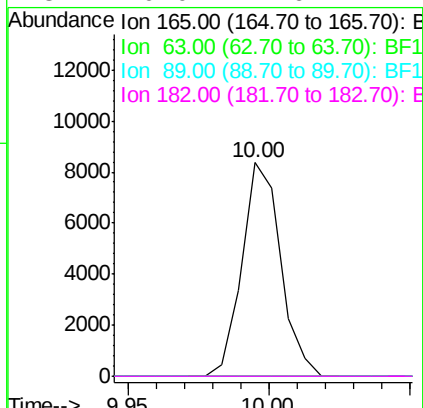
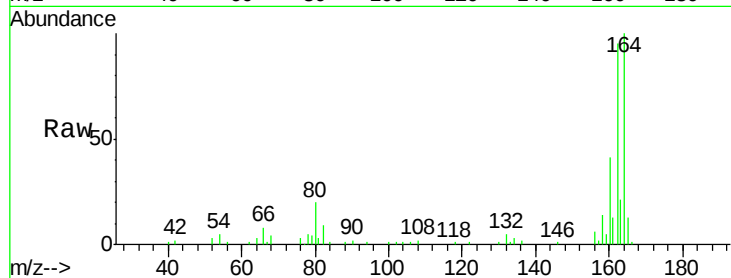




#56
2,4-Dinitrotoluene
Concen: 5.897 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106854.D
Acq: 27 Jun 2018 5:59

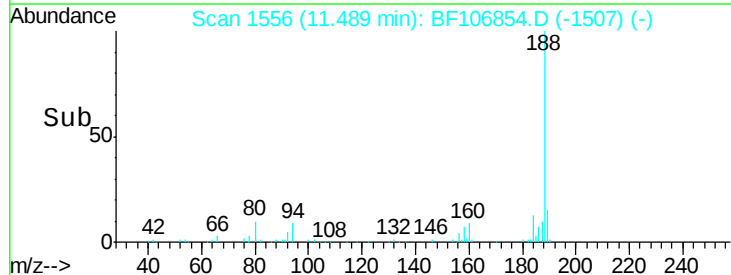
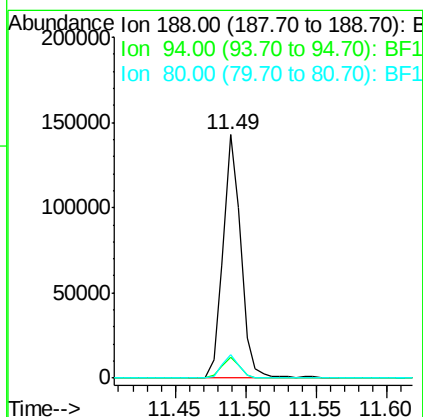
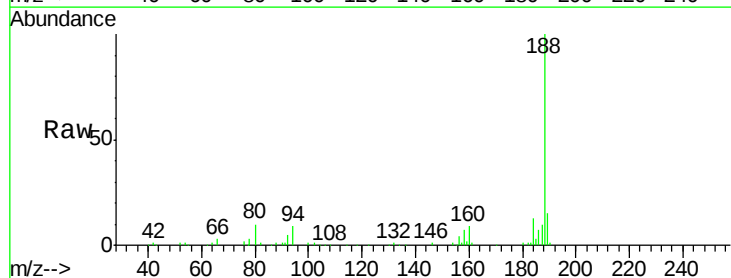
Instrument :
BNA_F
ClientSampleId :
062018-TIPC-E-D-M

Tgt Ion:	165	Resp:	7933
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: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106854.D
Acq: 27 Jun 2018 5:59

Tgt Ion:	188	Resp:	125926
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.6	9.2	13.8

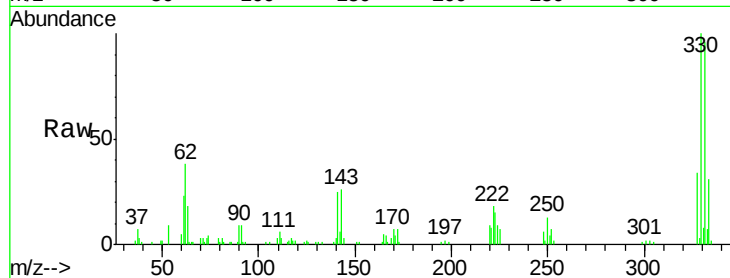




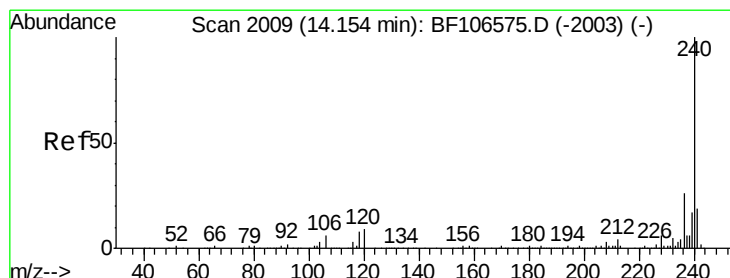
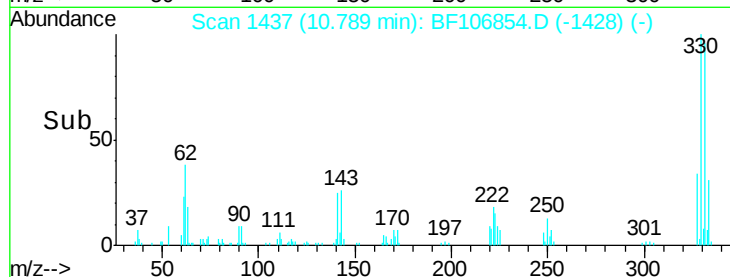
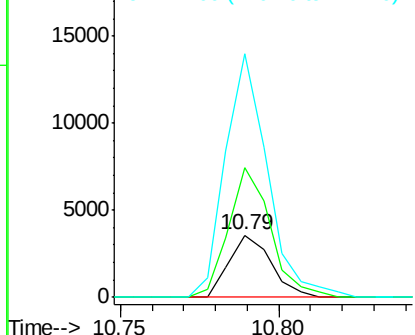
#66
4-Bromophenyl-phenylether
Concen: 2.169 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106854.D
Acq: 27 Jun 2018 5:59

Instrument :
BNA_F
ClientSampleId :
062018-TIPC-E-D-M

Tgt Ion:248 Resp: 3260
Ion Ratio Lower Upper
248 100
250 207.4 76.9 115.3#
141 390.2 74.4 111.6#

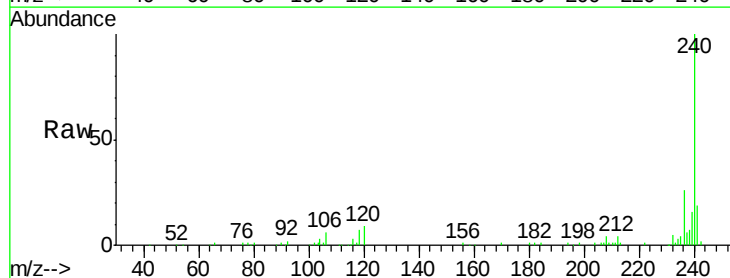


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

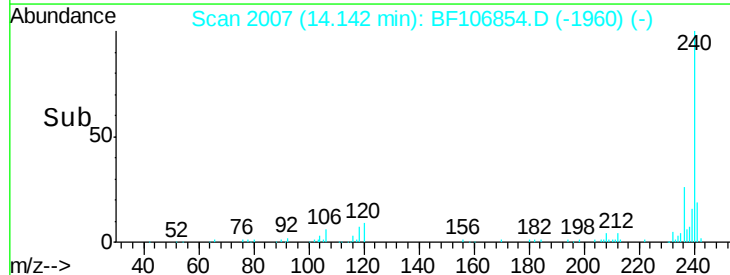
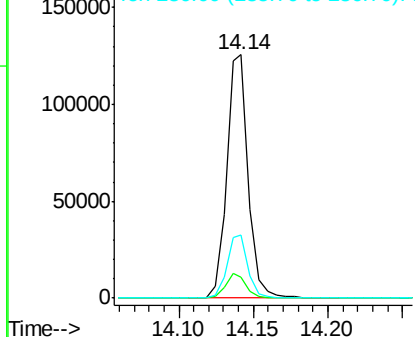


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106854.D
Acq: 27 Jun 2018 5:59

Tgt Ion:240 Resp: 127532
Ion Ratio Lower Upper
240 100
120 8.6 9.5 14.3#
236 26.1 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: 86.228 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106854.D

Acq: 27 Jun 2018 5:59

Instrument :

BNA_F

ClientSampleId :

062018-TIPC-E-D-M

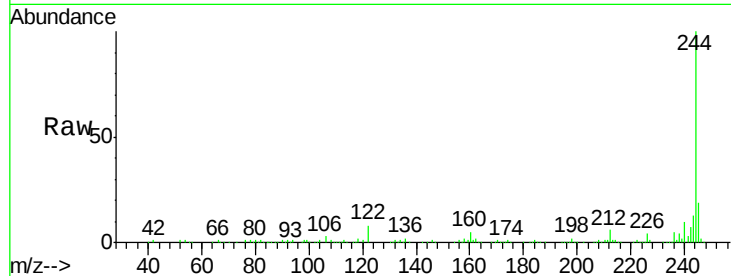
Tgt Ion:244 Resp: 453981

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

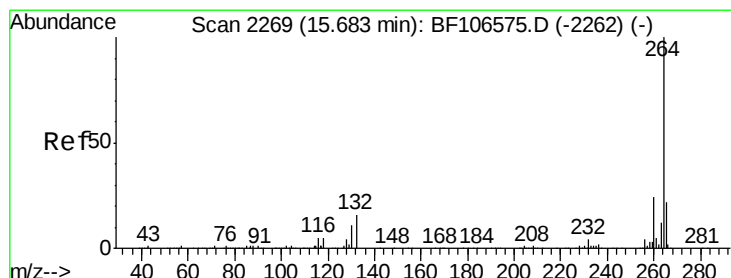
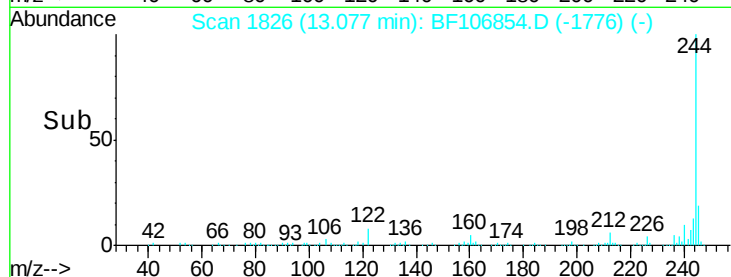
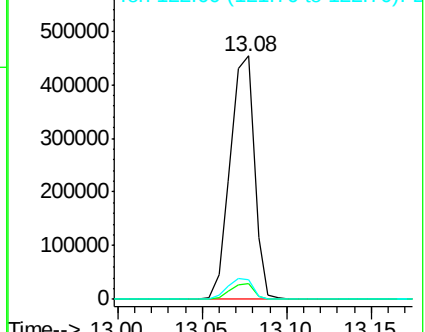
122 8.1 11.0 16.4#



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: 15.67 min Scan# 2267

Delta R.T. -0.05 min

Lab File: BF106854.D

Acq: 27 Jun 2018 5:59

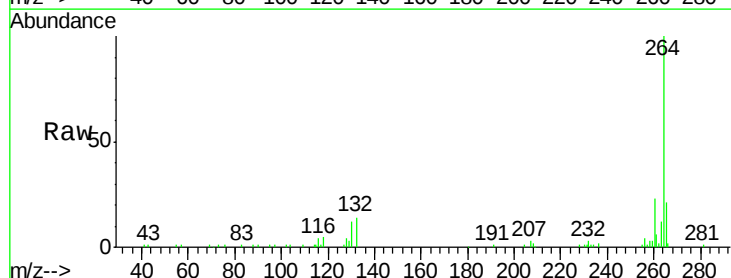
Tgt Ion:264 Resp: 84749

Ion Ratio Lower Upper

264 100

260 22.7 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

