

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF062618\
 Data File : BF106855.D
 Acq On : 27 Jun 2018 6:26
 Operator : JU/SJ
 Sample : J3639-08
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

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

Quant Time: Jun 27 07:59:37 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

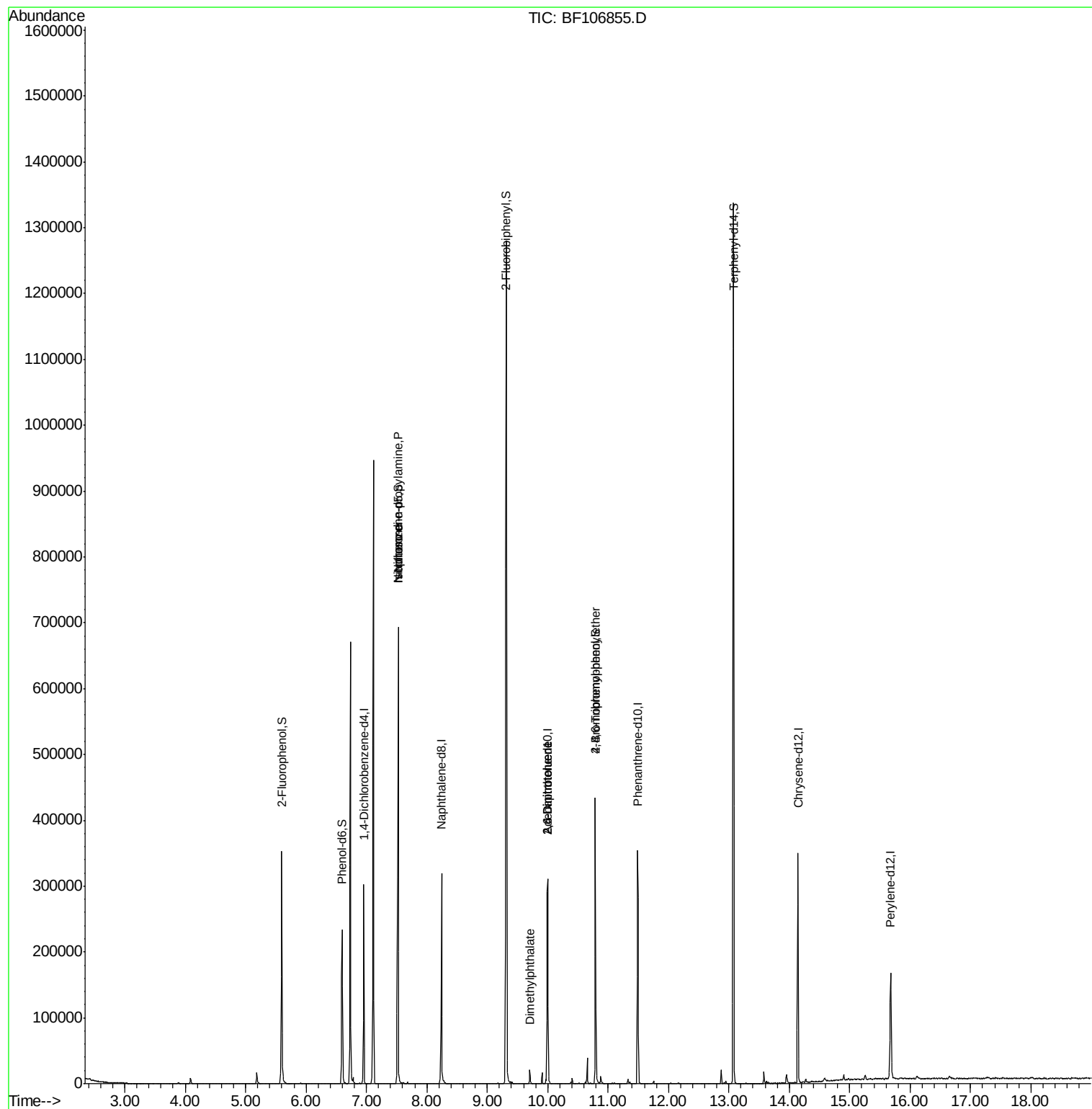
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	45545	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	159478	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	72674	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	144496	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	134402	20.00	ng	-0.02
86) Perylene-d12	15.68	264	90345	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	101254	37.65	ng	0.00
7) Phenol-d6	6.60	99	80532	23.98	ng	-0.02
23) Nitrobenzene-d5	7.52	82	244835	85.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	68229	81.00	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	457129	110.98	ng	-0.01
78) Terphenyl-d14	13.08	244	507619	91.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	31932	14.422	ng	# 70
25) Isophorone	7.52	82	244833	48.417	ng	# 64
49) Dimethylphthalate	9.71	163	12630	2.317	ng	# 97
50) 2,6-Dinitrotoluene	10.00	165	9004	7.801	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	9004	5.977	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	4061	2.355	ng	# 1

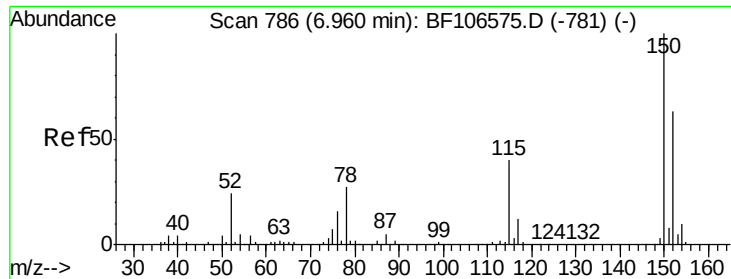
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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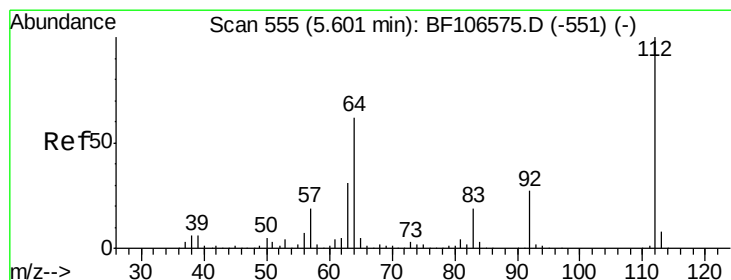
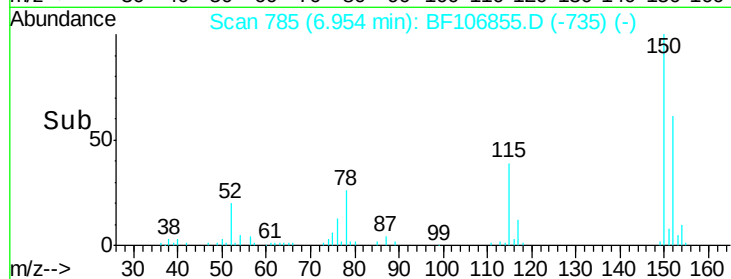
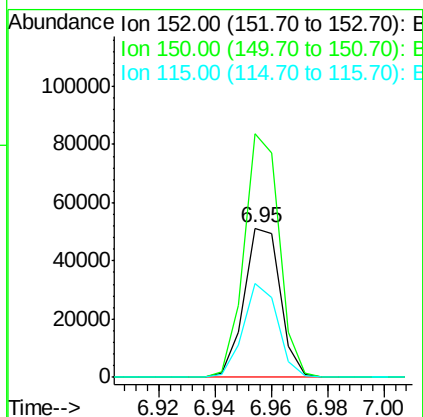
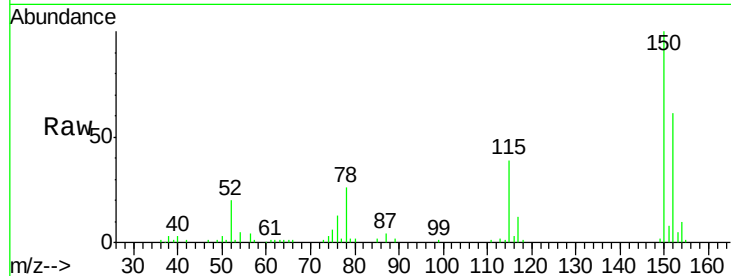




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF106855.D
 Acq: 27 Jun 2018 6:26

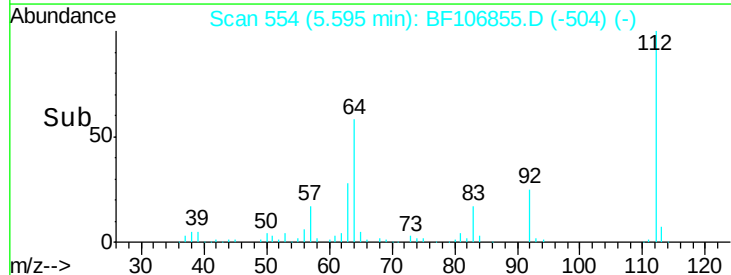
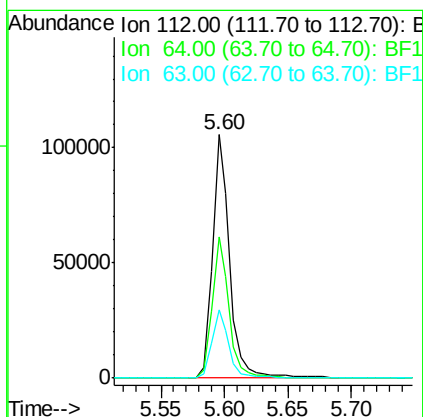
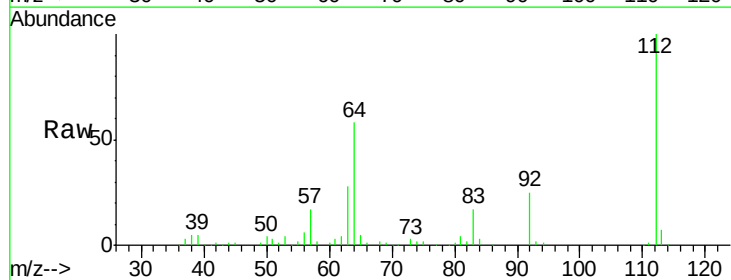
Instrument :
 BNA_F
 ClientSampleId :
 062018-TIPC-E-U-M

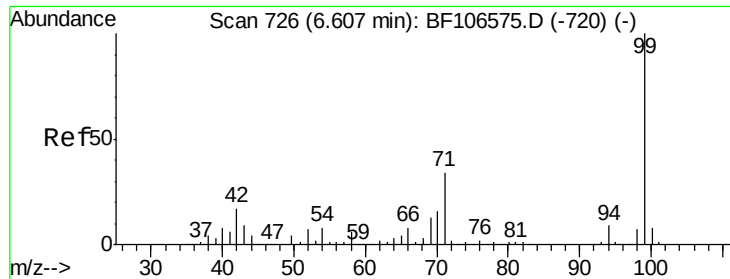
Tgt Ion:152 Resp: 45545
 Ion Ratio Lower Upper
 152 100
 150 163.2 124.6 186.8
 115 63.1 50.1 75.1



#5
 2-Fluorophenol
 Concen: 37.645 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF106855.D
 Acq: 27 Jun 2018 6:26

Tgt Ion:112 Resp: 101254
 Ion Ratio Lower Upper
 112 100
 64 58.0 47.9 71.9
 63 28.1 23.7 35.5





#7

Phenol-d6

Concen: 23.976 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106855.D

Acq: 27 Jun 2018 6:26

Instrument :

BNA_F

ClientSampleId :

062018-TIPC-E-U-M

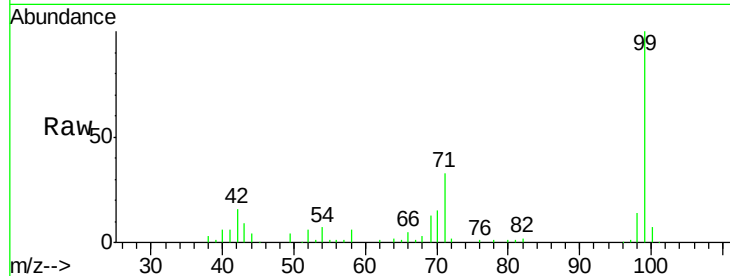
Tgt Ion: 99 Resp: 80532

Ion Ratio Lower Upper

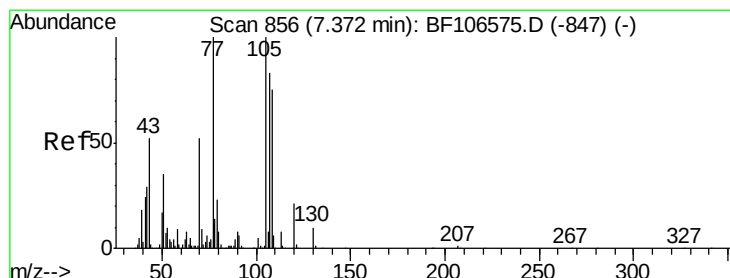
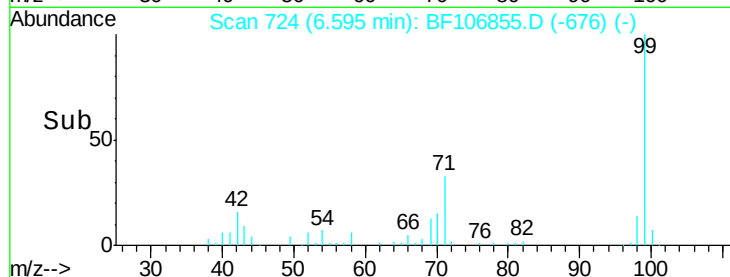
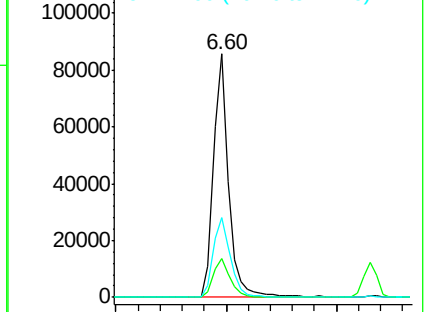
99 100

42 16.0 14.5 21.7

71 32.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.422 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106855.D

Acq: 27 Jun 2018 6:26

Tgt Ion: 70 Resp: 31932

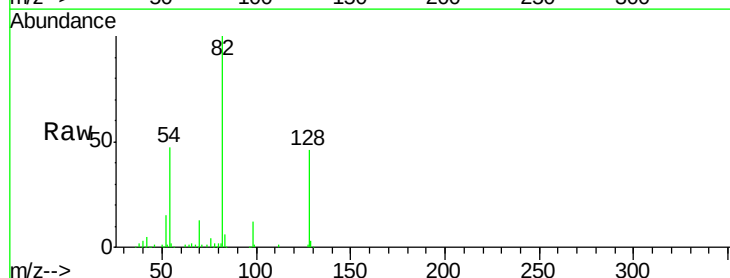
Ion Ratio Lower Upper

70 100

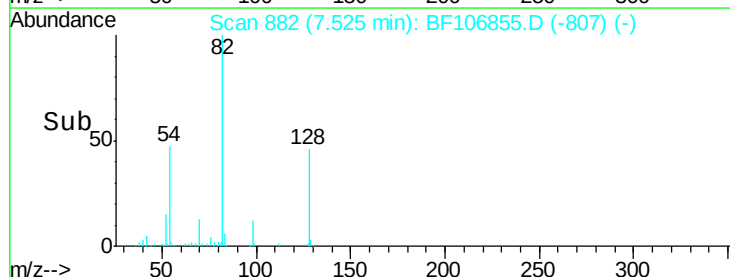
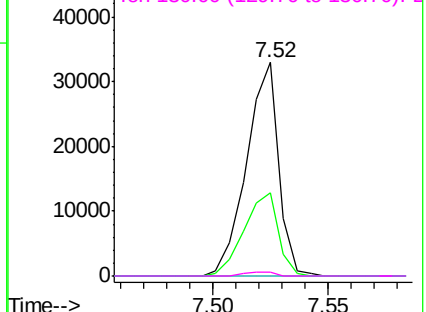
42 39.3 47.5 71.3#

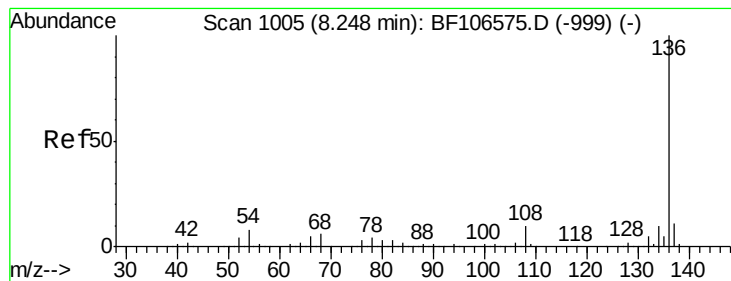
101 0.0 7.4 11.2#

130 2.1 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: BF106855.D

Acq: 27 Jun 2018 6:26

Instrument :

BNA_F

ClientSampleId :

062018-TIPC-E-U-M

Tgt Ion: 136 Resp: 159478

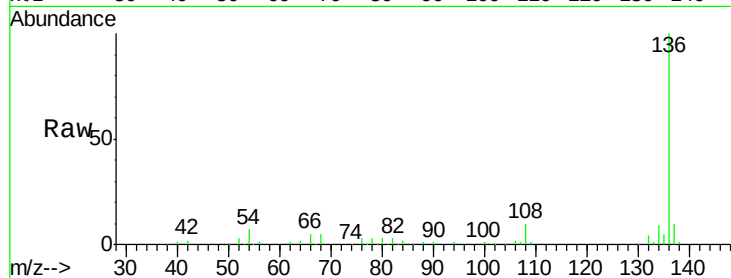
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.0 6.6 9.8

68 5.3 5.0 7.4

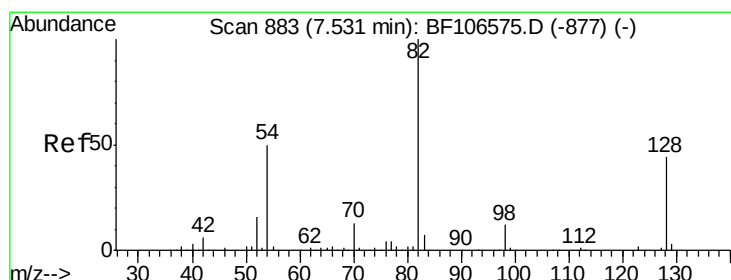
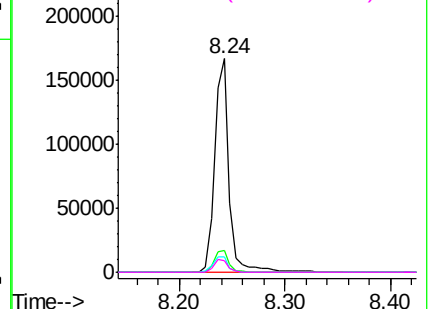
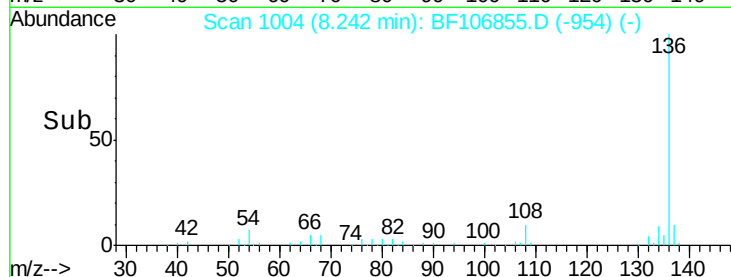


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 85.318 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF106855.D

Acq: 27 Jun 2018 6:26

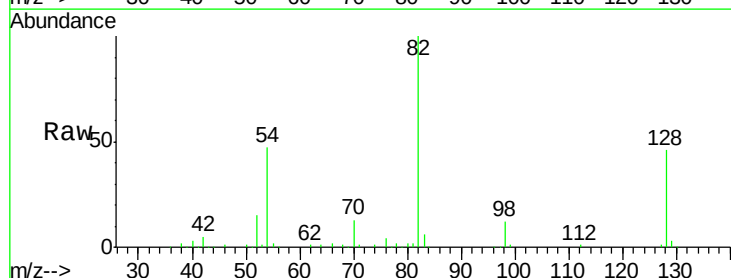
Tgt Ion: 82 Resp: 244835

Ion Ratio Lower Upper

82 100

128 45.7 36.1 54.1

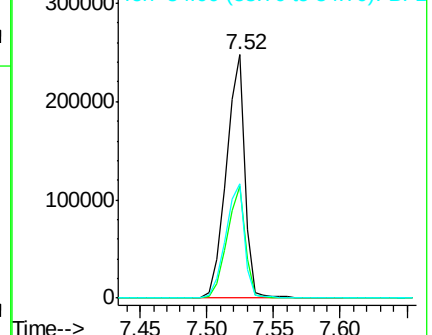
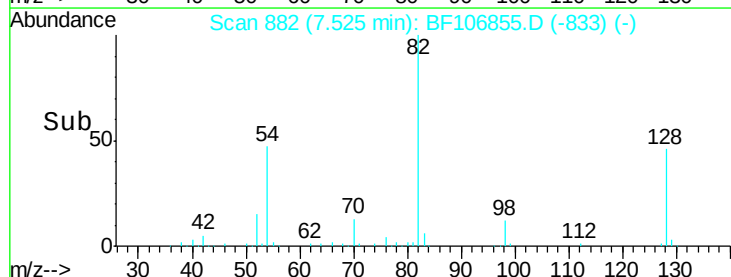
54 47.0 41.4 62.2

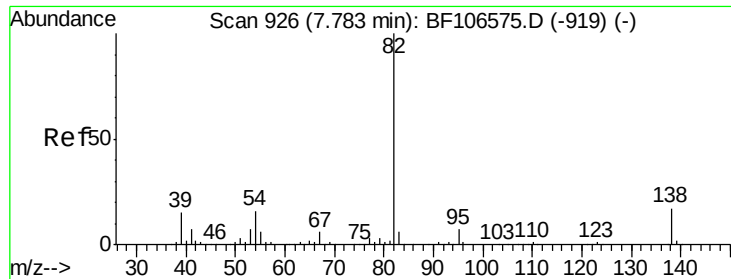


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

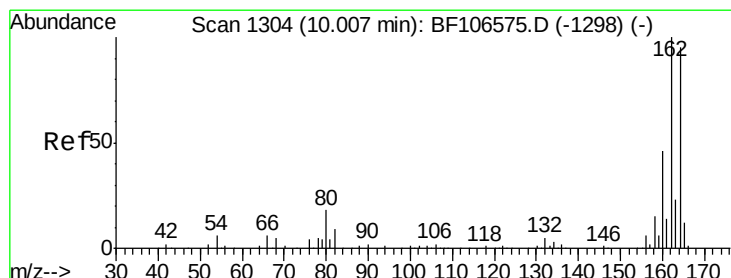
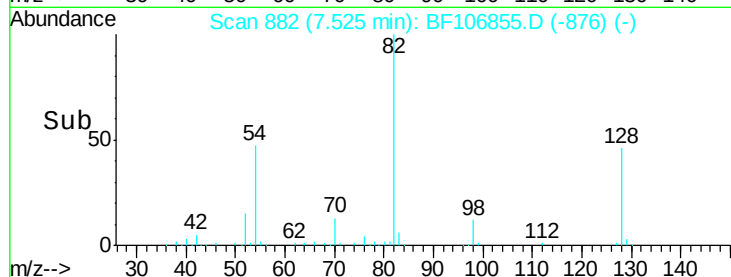
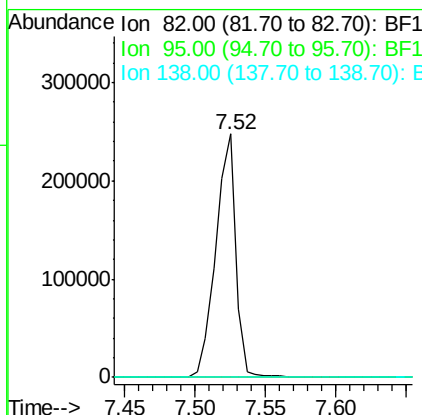
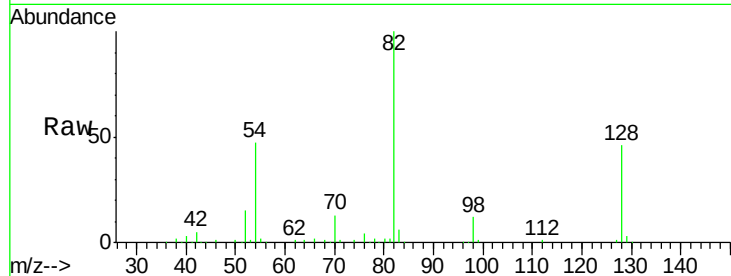




#25
Isophorone
Concen: 48.417 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106855.D
Acq: 27 Jun 2018 6:26

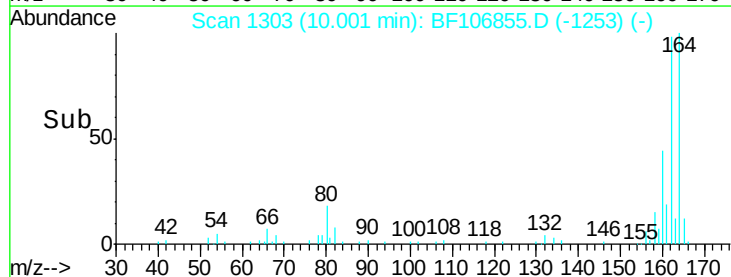
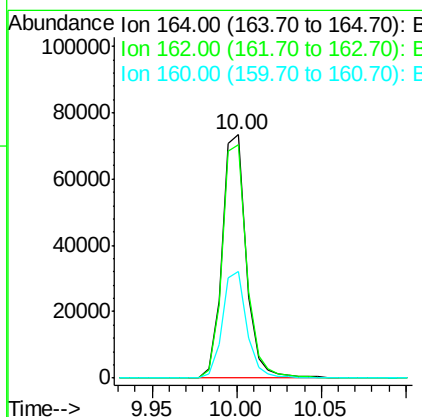
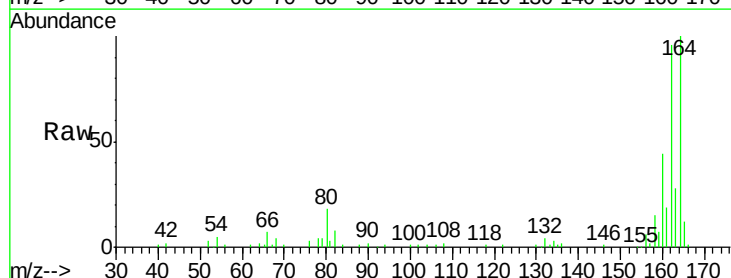
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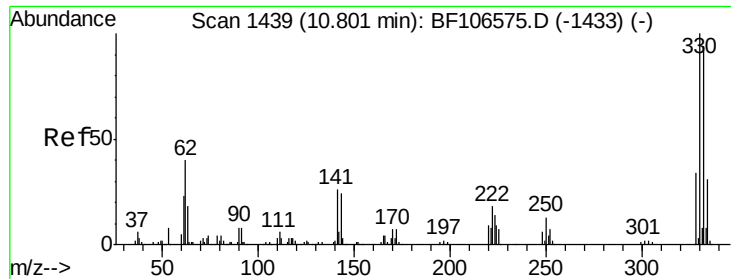
Tgt Ion: 82 Resp: 244833
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF106855.D
Acq: 27 Jun 2018 6:26

Tgt Ion: 164 Resp: 72674
Ion Ratio Lower Upper
164 100
162 96.1 86.1 129.1
160 43.6 38.3 57.5

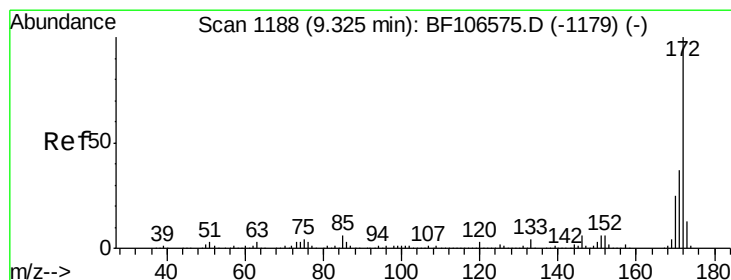
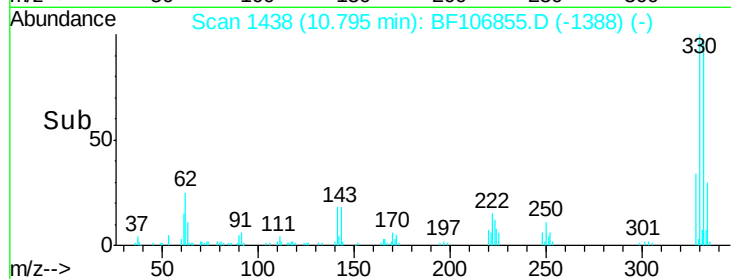
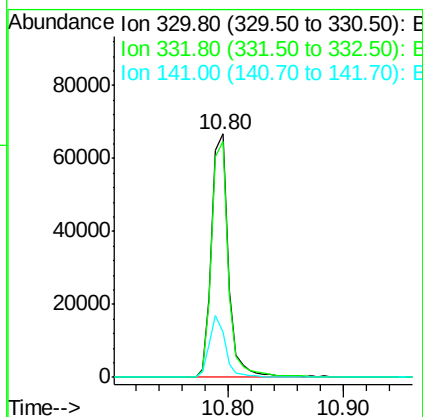
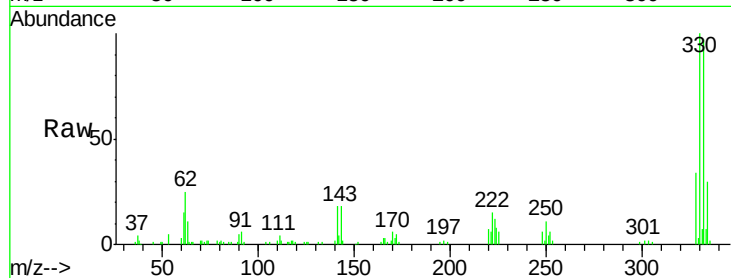




#41
 2,4,6-Tribromophenol
 Concen: 81.002 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106855.D
 Acq: 27 Jun 2018 6:26

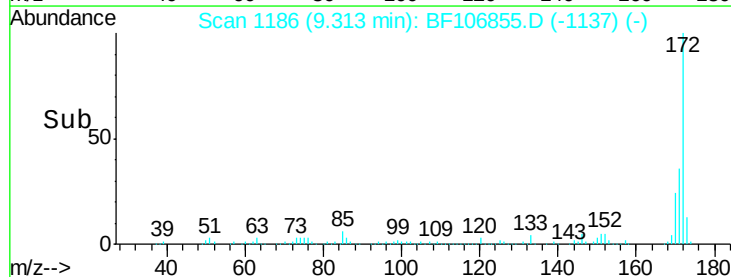
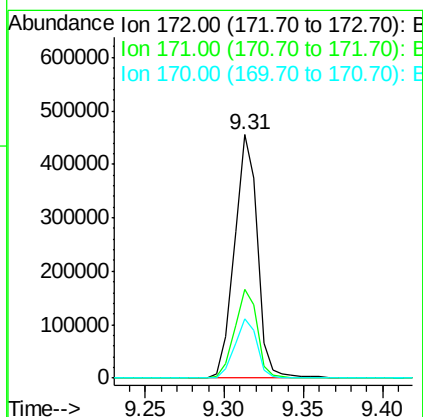
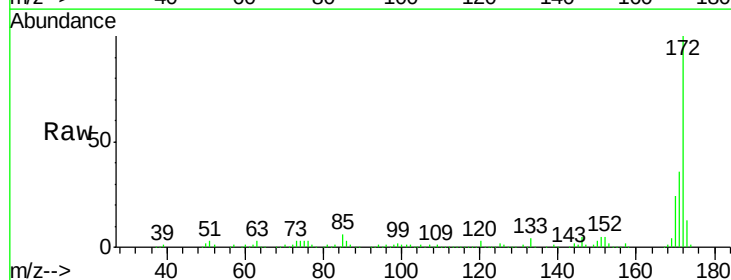
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 BNA_F
 ClientSampleId :
 062018-TIPC-E-U-M

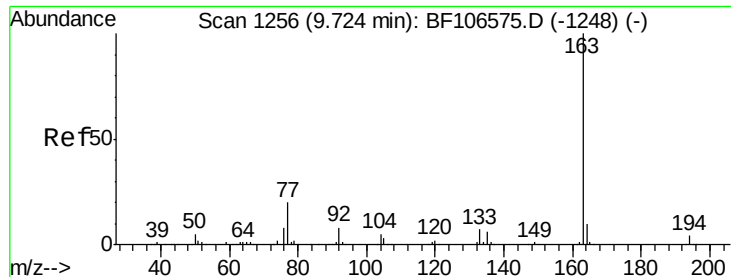
Tgt Ion:330 Resp: 68229
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 23.7 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 110.976 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106855.D
 Acq: 27 Jun 2018 6:26

Tgt Ion:172 Resp: 457129
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.5 19.6 29.4

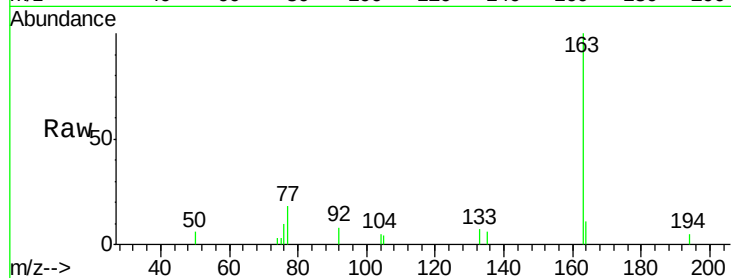




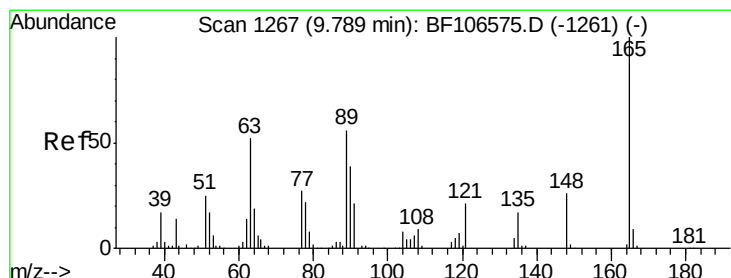
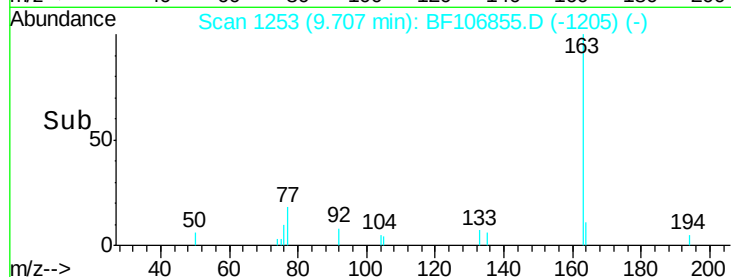
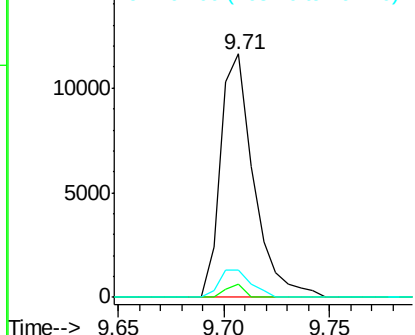
#49
Dimethylphthalate
Concen: 2.317 ng
RT: 9.71 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF106855.D
Acq: 27 Jun 2018 6:26

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

Tgt Ion:163 Resp: 12630
Ion Ratio Lower Upper
163 100
194 5.2 2.7 4.1#
164 11.2 8.2 12.2

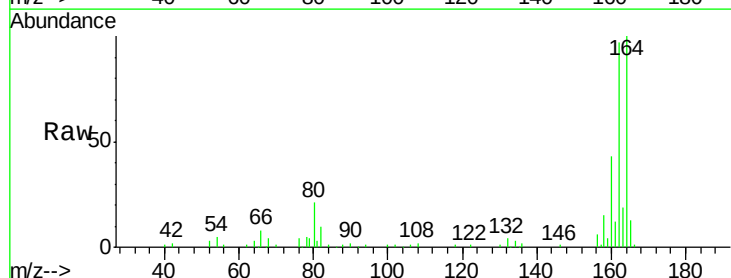


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

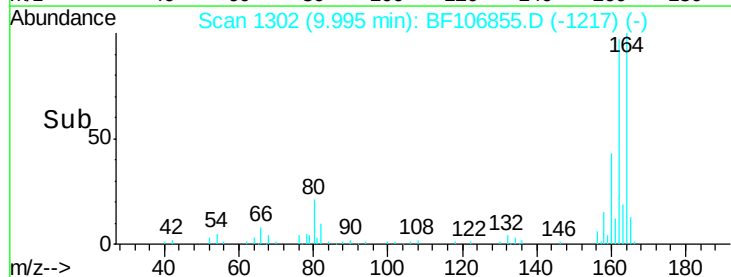
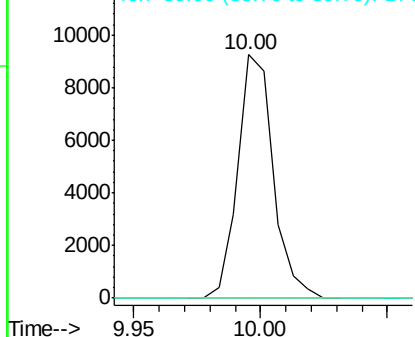


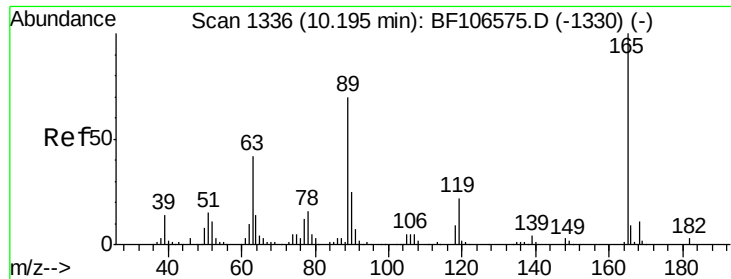
#50
2,6-Dinitrotoluene
Concen: 7.801 ng
RT: 10.00 min Scan# 1302
Delta R.T. 0.20 min
Lab File: BF106855.D
Acq: 27 Jun 2018 6:26

Tgt Ion:165 Resp: 9004
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

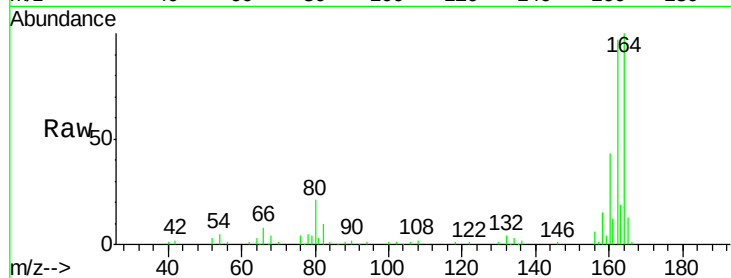




#56
2,4-Dinitrotoluene
Concen: 5.977 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106855.D
Acq: 27 Jun 2018 6:26

Instrument :
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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#

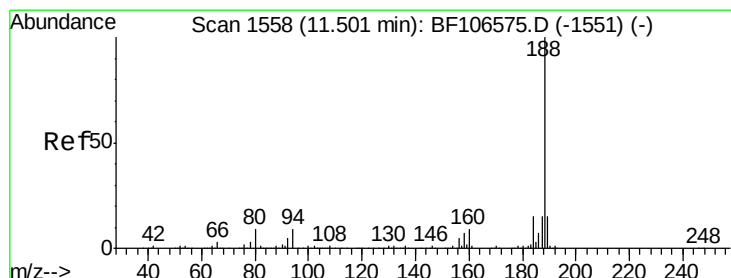
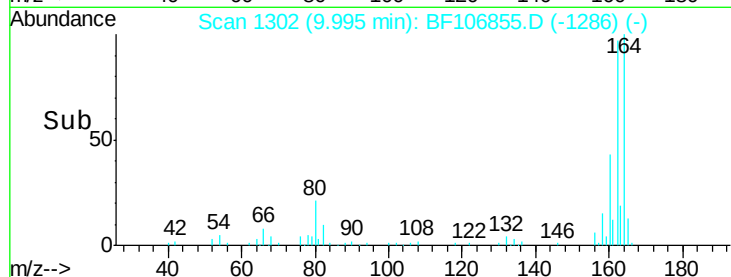
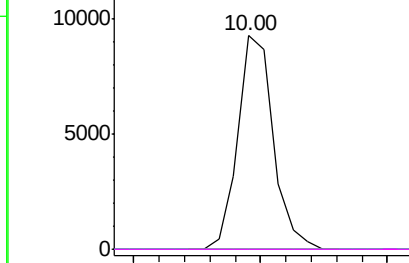


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

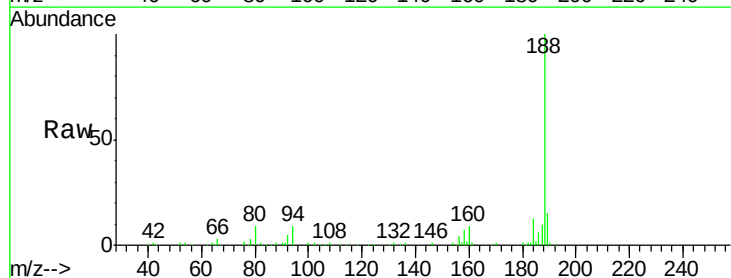
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106855.D
Acq: 27 Jun 2018 6:26

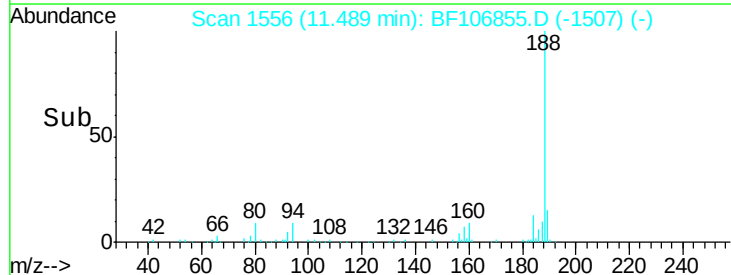
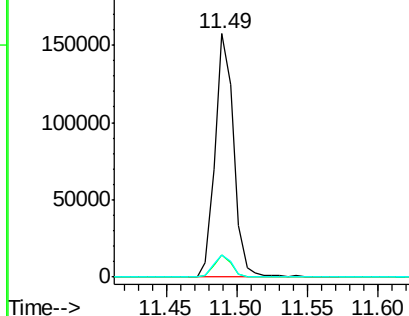
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	8.9	9.2	13.8#

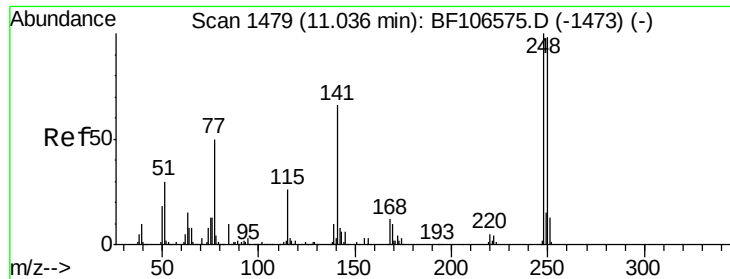


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

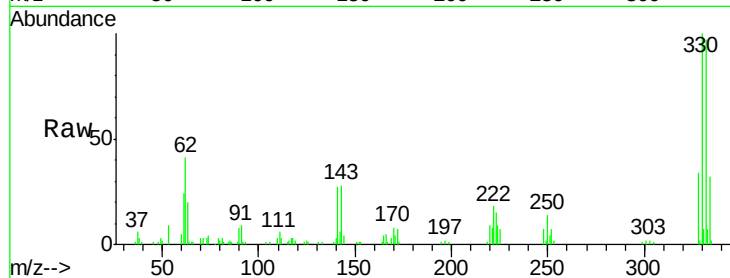




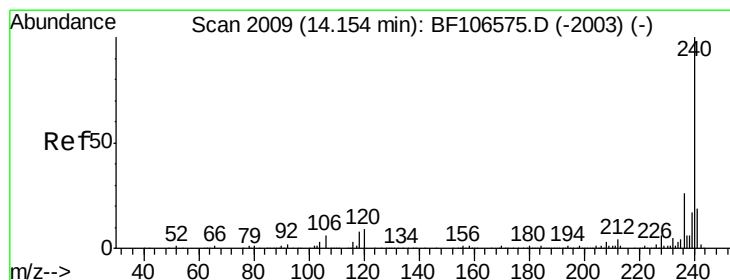
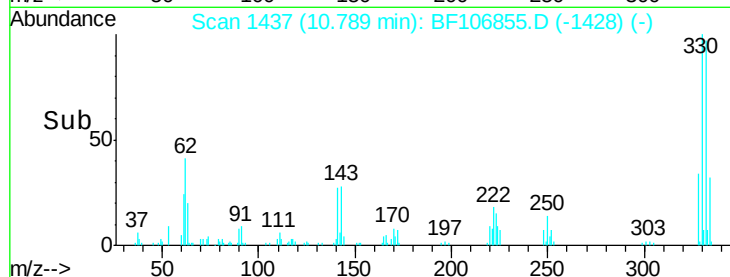
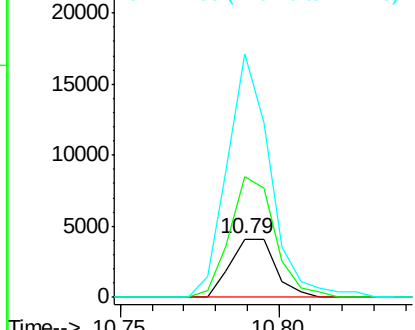
#66
4-Bromophenyl-phenylether
Concen: 2.355 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF106855.D
Acq: 27 Jun 2018 6:26

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

Tgt Ion: 248 Resp: 4061
Ion Ratio Lower Upper
248 100
250 206.9 76.9 115.3#
141 417.9 74.4 111.6#

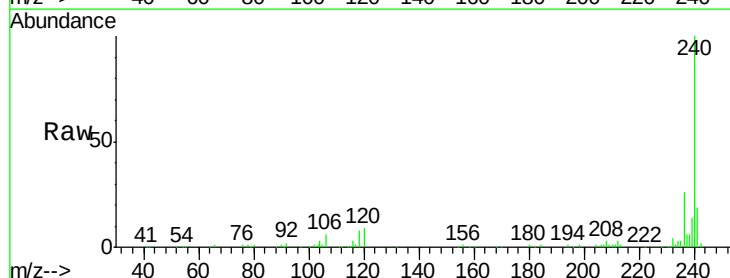


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

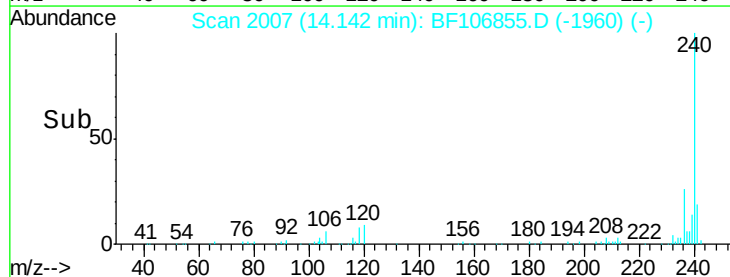
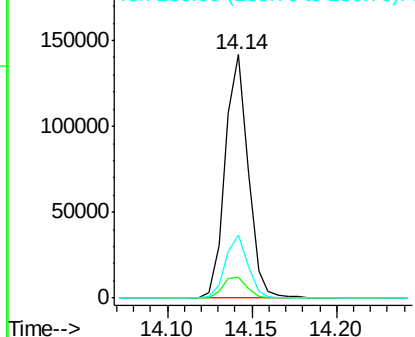


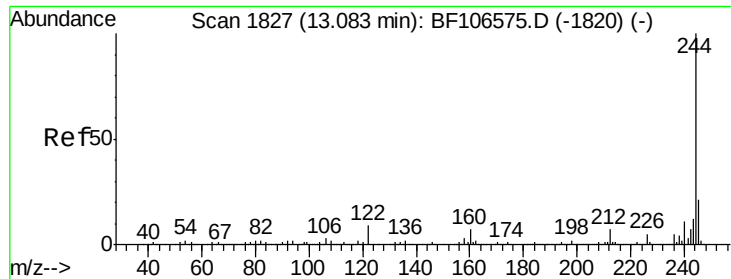
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106855.D
Acq: 27 Jun 2018 6:26

Tgt Ion: 240 Resp: 134402
Ion Ratio Lower Upper
240 100
120 8.6 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

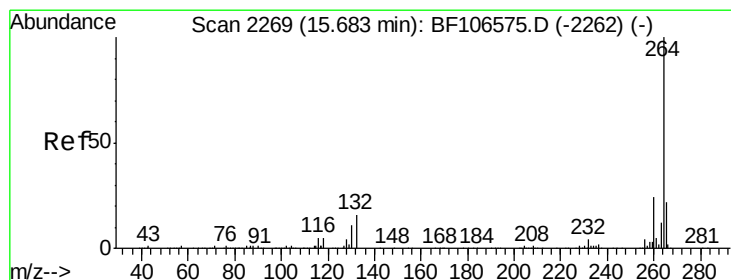
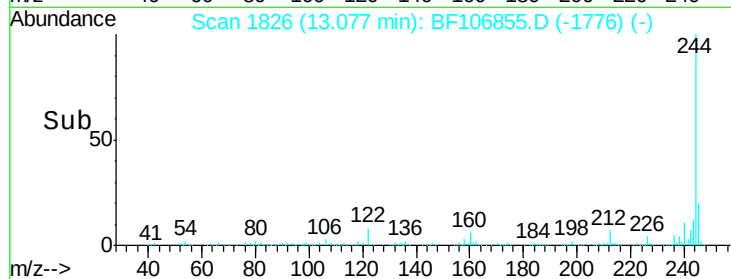
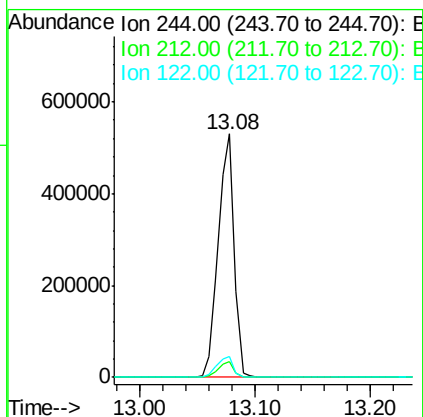
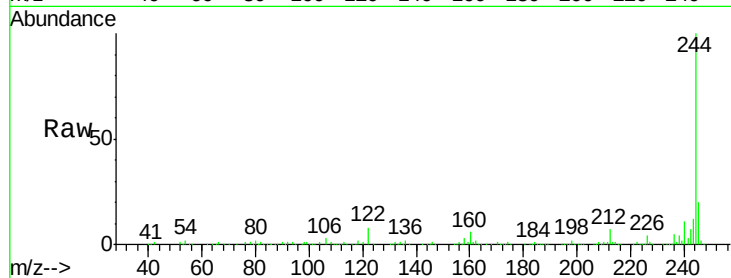




#78
 Terphenyl-d14
 Concen: 91.487 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106855.D
 Acq: 27 Jun 2018 6:26

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

Tgt Ion: 244 Resp: 507619
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 8.5 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106855.D
 Acq: 27 Jun 2018 6:26

Tgt Ion: 264 Resp: 90345
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 21.1 17.5 26.3

