

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071318\
 Data File : BF107394.D
 Acq On : 14 Jul 2018 4:28
 Operator : JU/SJ
 Sample : J3970-08
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-D-S

Quant Time: Jul 14 05:43:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

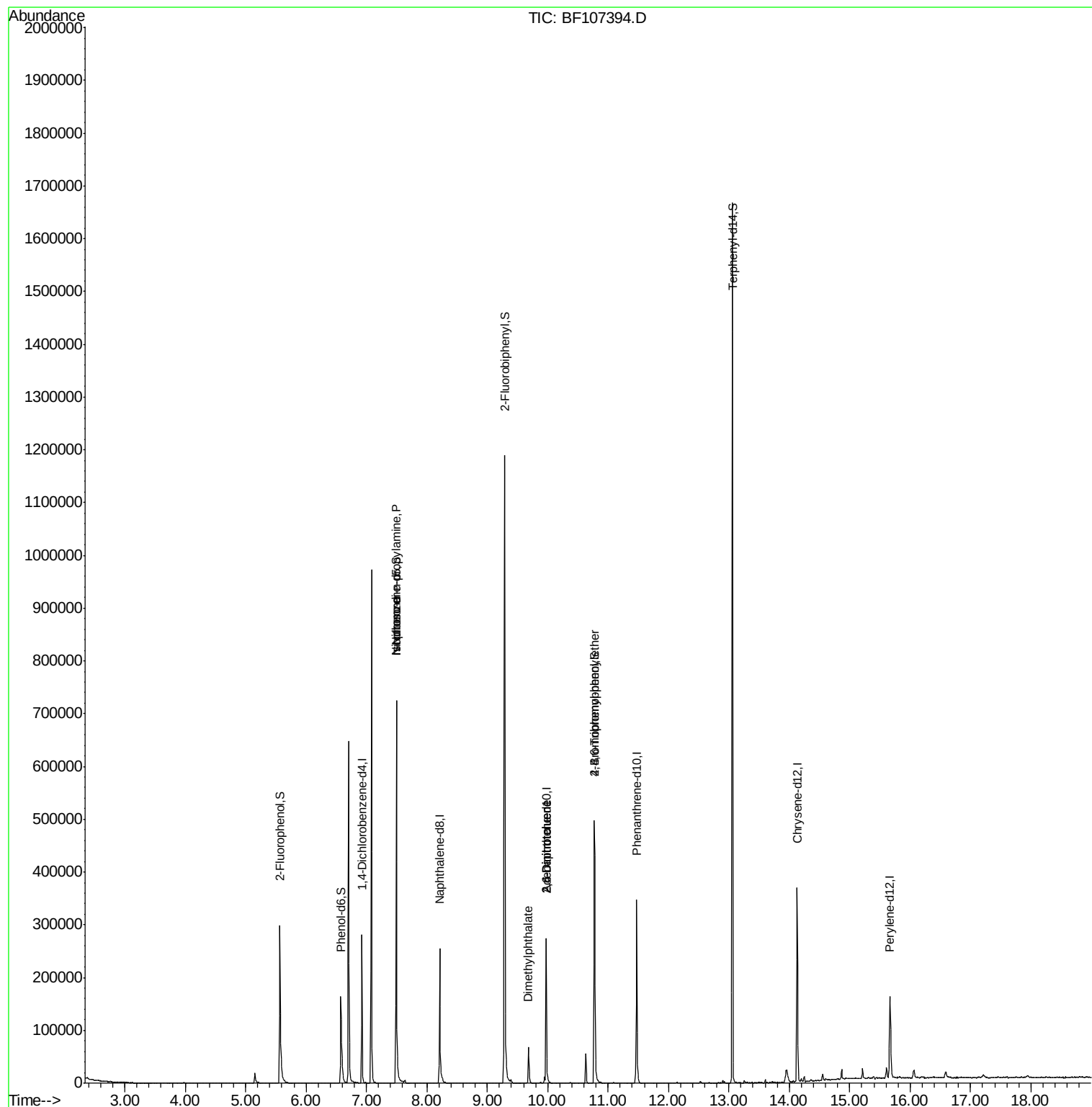
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	43037	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	150208	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	72410	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	149999	20.00	ng	0.00
75) Chrysene-d12	14.13	240	142273	20.00	ng	0.00
86) Perylene-d12	15.67	264	100776	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	116618	45.88	ng	0.00
7) Phenol-d6	6.58	99	86978	27.40	ng	0.00
23) Nitrobenzene-d5	7.50	82	264803	97.97	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	87490	104.25	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	476820	117.02	ng	0.00
78) Terphenyl-d14	13.06	244	667972	113.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	34023	16.262	ng	Qvalue # 72
25) Isophorone	7.50	82	264801	55.597	ng	# 64
49) Dimethylphthalate	9.68	163	37456	6.897	ng	96
50) 2,6-Dinitrotoluene	9.97	165	8958	7.790	ng	# 24
56) 2,4-Dinitrotoluene	9.97	165	8958	5.968	ng	# 21
66) 4-Bromophenyl-phenylether	10.77	248	5307	2.965	ng	# 1

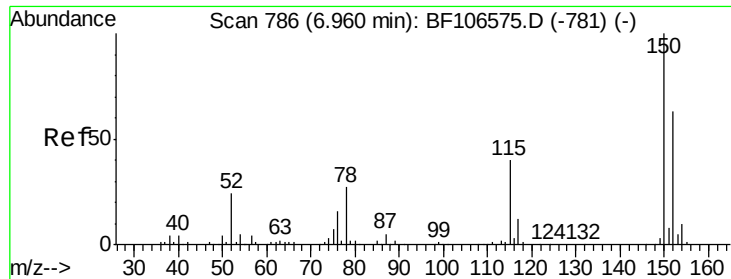
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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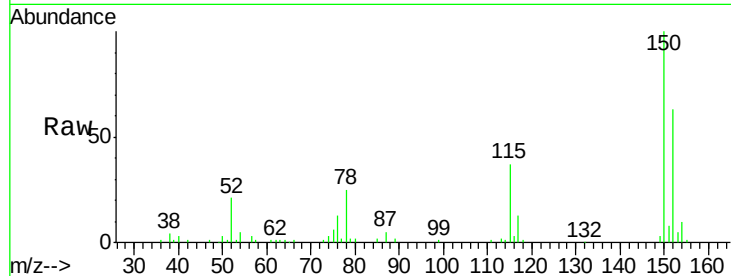


#1

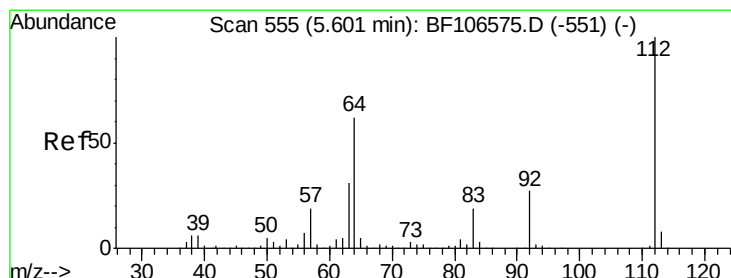
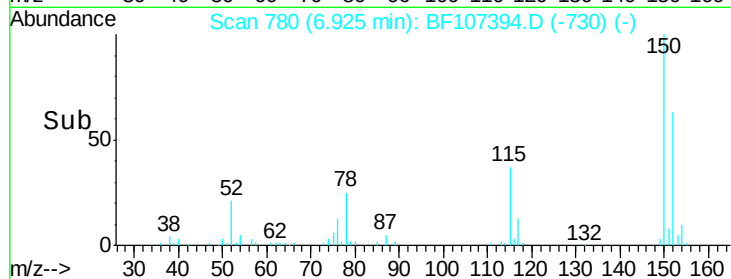
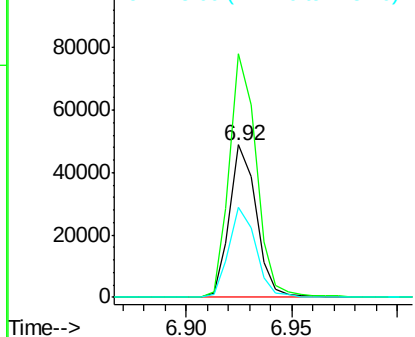
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107394.D
Acq: 14 Jul 2018 4:28

Instrument :
BNA_F
ClientSampleId :
071118-TIPC-F-D-S

Tgt Ion:152 Resp: 43037
Ion Ratio Lower Upper
152 100
150 159.5 124.6 186.8
115 58.7 50.1 75.1



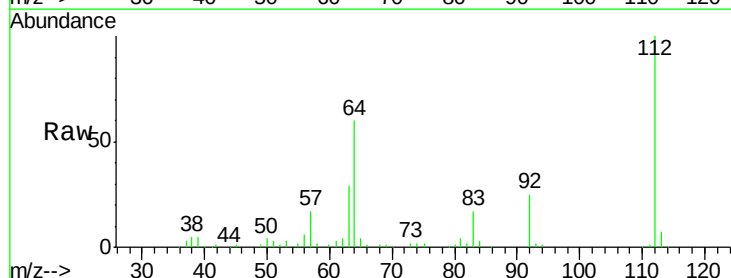
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



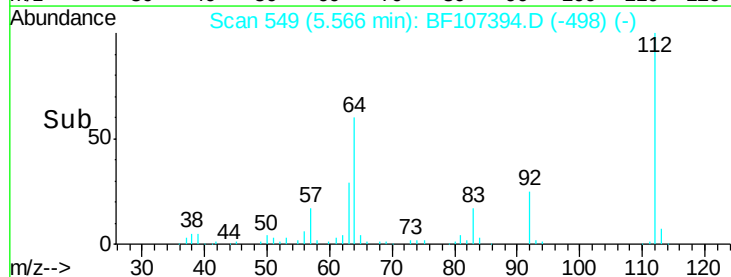
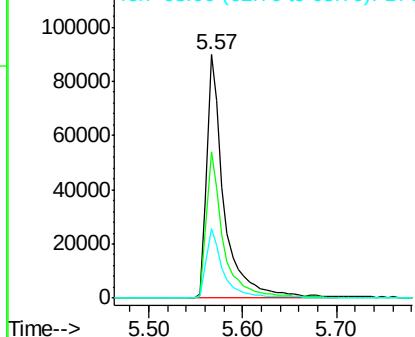
#5

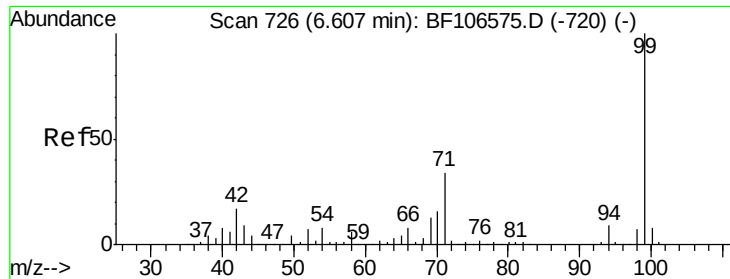
2-Fluorophenol
Concen: 45.884 ng
RT: 5.57 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF107394.D
Acq: 14 Jul 2018 4:28

Tgt Ion:112 Resp: 116618
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 28.6 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: 27.404 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107394.D

Acq: 14 Jul 2018 4:28

Instrument :

BNA_F

ClientSampleId :

071118-TIPC-F-D-S

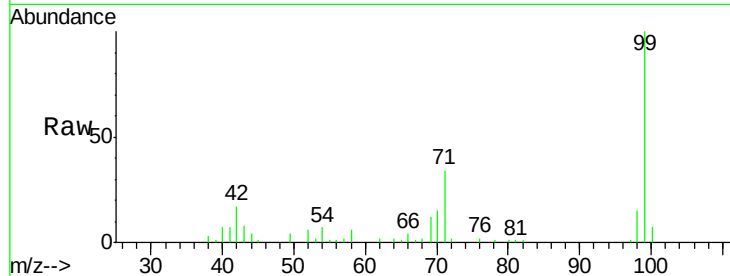
Tgt Ion: 99 Resp: 86978

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

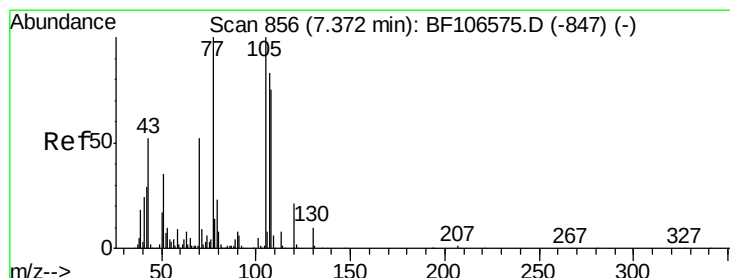
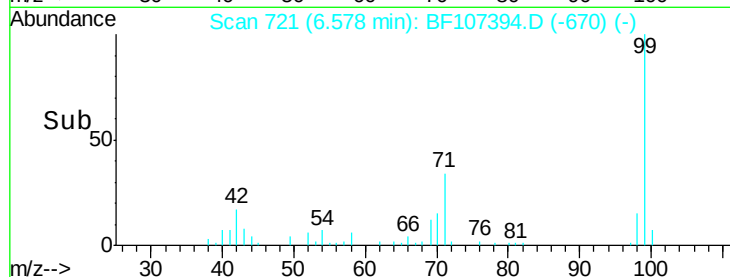
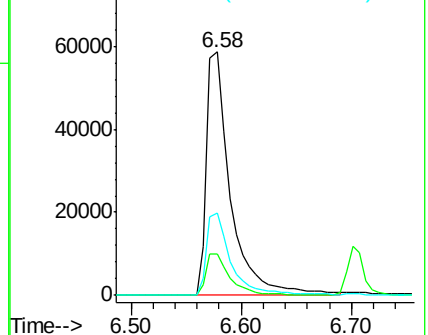
71 33.7 25.4 38.0



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: 16.262 ng

RT: 7.50 min Scan# 877

Delta R.T. 0.15 min

Lab File: BF107394.D

Acq: 14 Jul 2018 4:28

Tgt Ion: 70 Resp: 34023

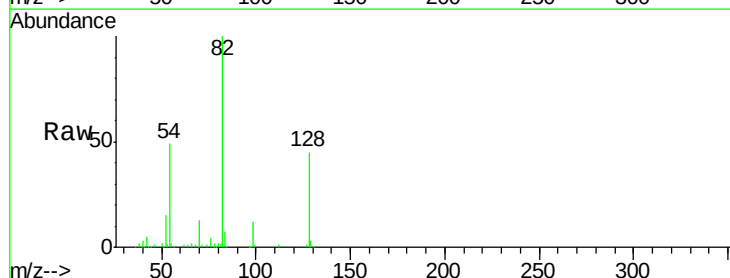
Ion Ratio Lower Upper

70 100

42 41.2 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

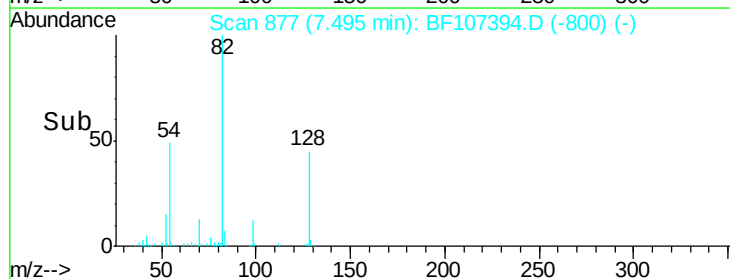
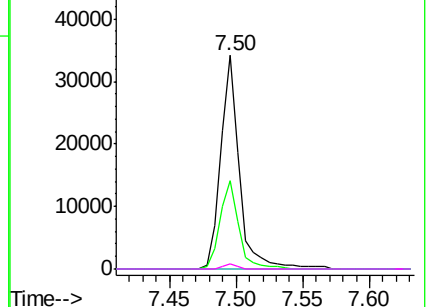


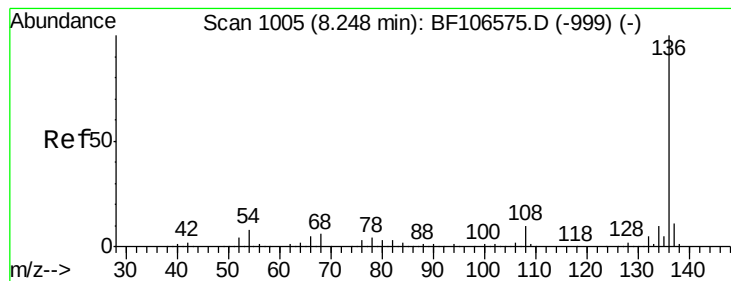
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.21 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF107394.D

Acq: 14 Jul 2018 4:28

Instrument :

BNA_F

ClientSampleId :

071118-TIPC-F-D-S

Tgt Ion:136 Resp: 150208

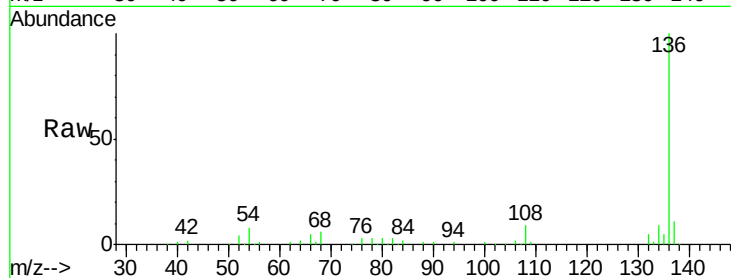
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.2 6.6 9.8

68 6.1 5.0 7.4

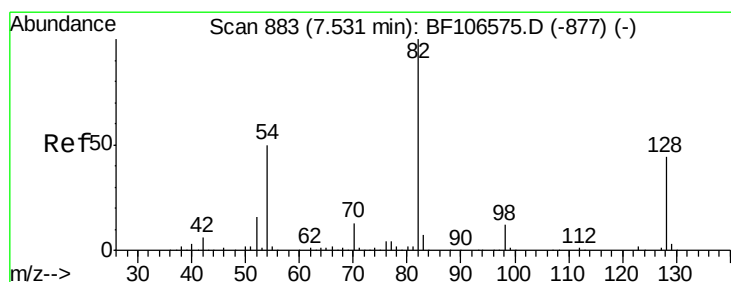
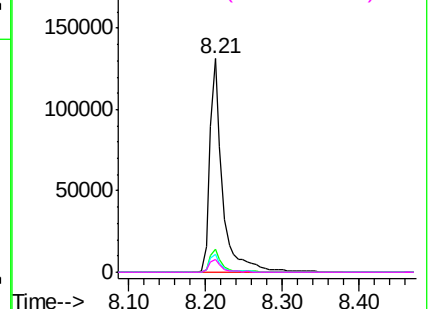
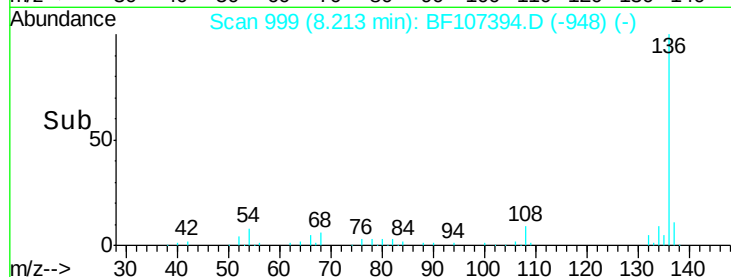


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.971 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF107394.D

Acq: 14 Jul 2018 4:28

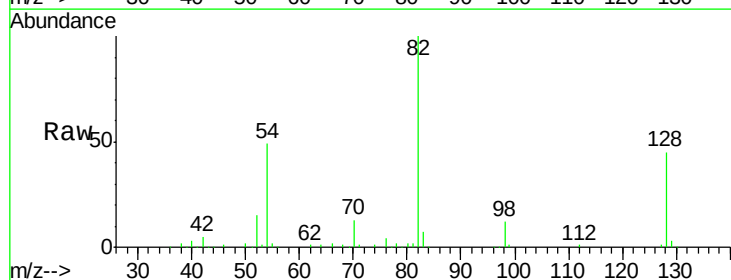
Tgt Ion: 82 Resp: 264803

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

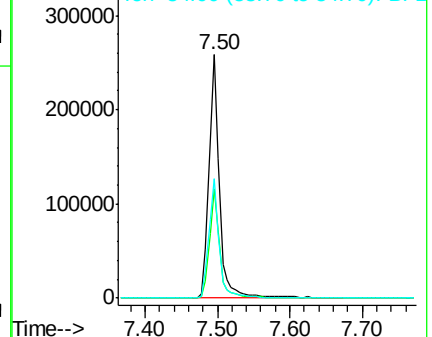
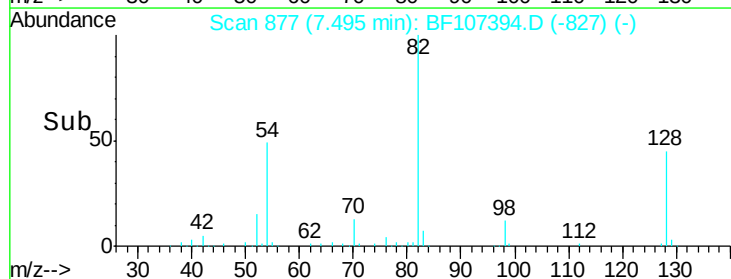
54 49.1 41.4 62.2

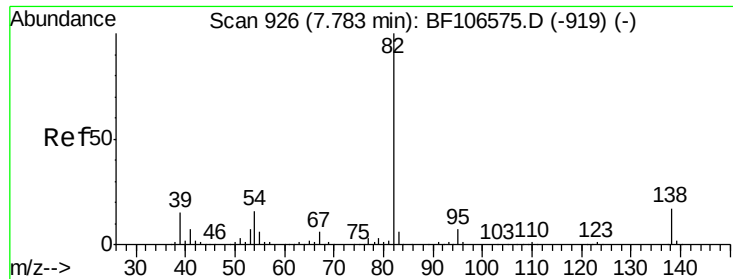


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 55.597 ng

RT: 7.50 min Scan# 877

Delta R.T. -0.26 min

Lab File: BF107394.D

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ClientSampleId :

071118-TIPC-F-D-S

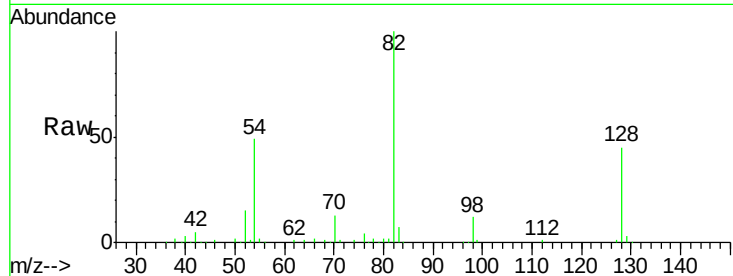
Tgt Ion: 82 Resp: 264801

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

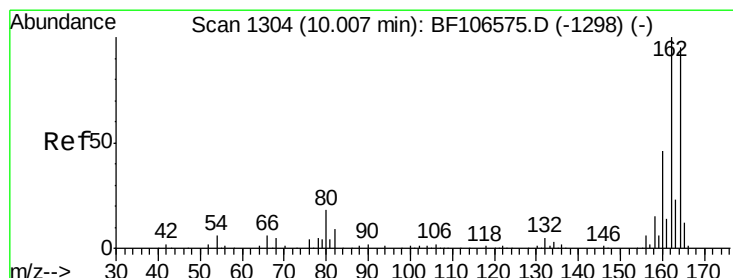
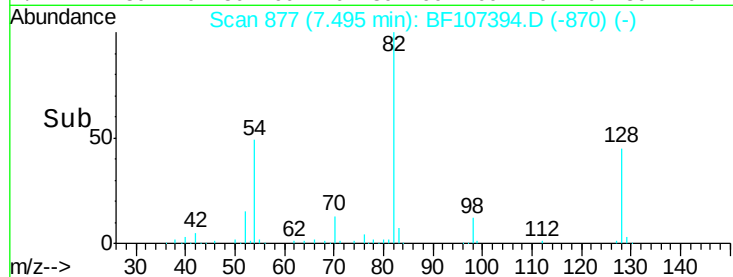
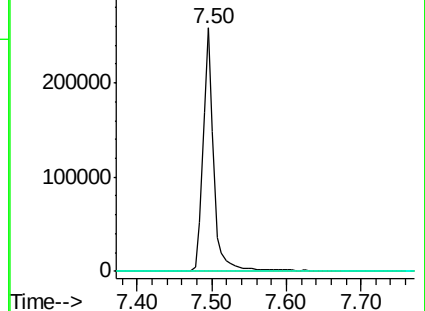
138 0.0 14.9 22.3#



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: 9.97 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BF107394.D

Acq: 14 Jul 2018 4:28

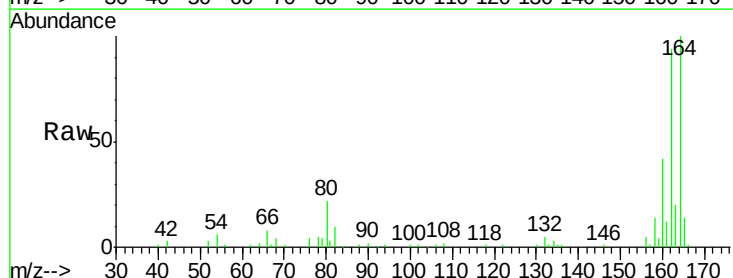
Tgt Ion: 164 Resp: 72410

Ion Ratio Lower Upper

164 100

162 94.2 86.1 129.1

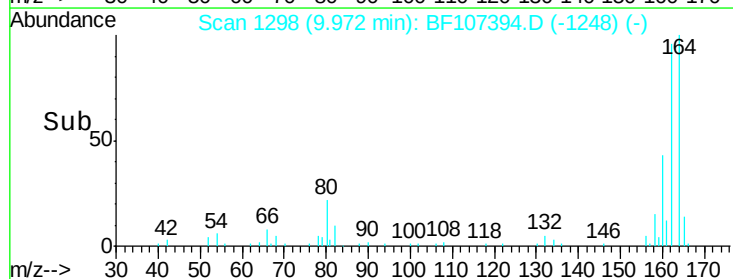
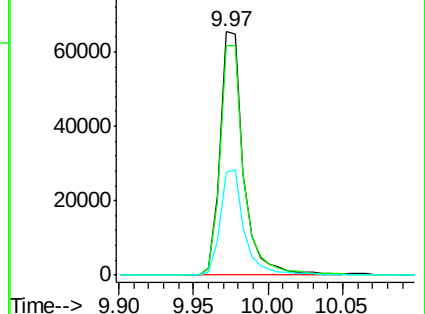
160 42.0 38.3 57.5

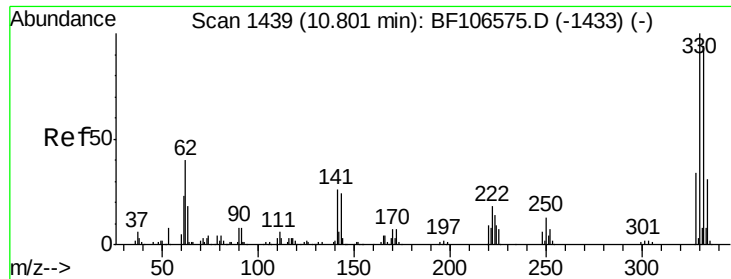


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

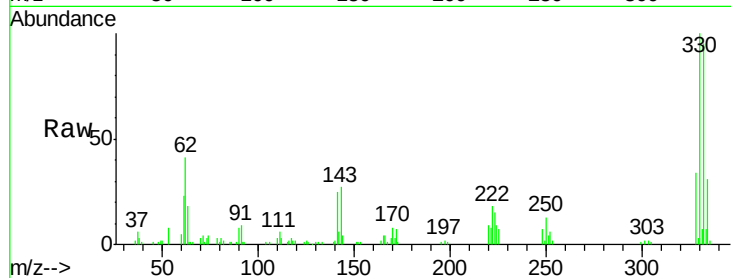




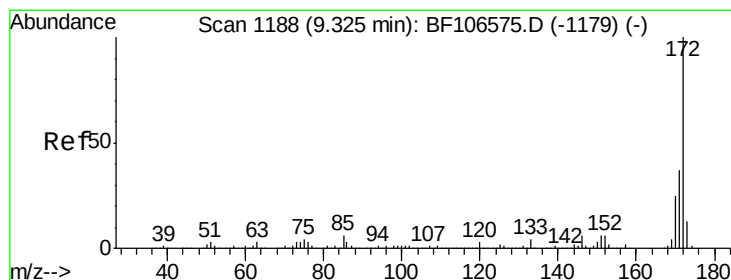
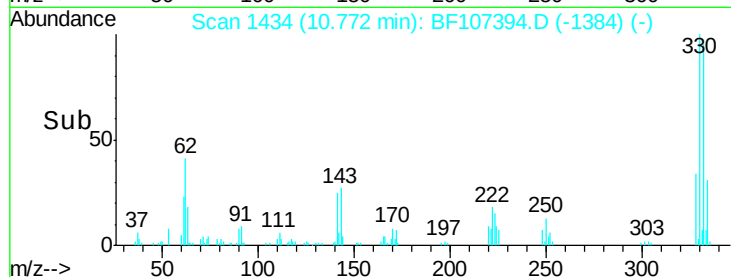
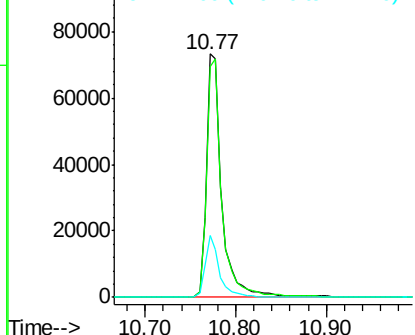
#41
 2,4,6-Tribromophenol
 Concen: 104.248 ng
 RT: 10.77 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF107394.D
 Acq: 14 Jul 2018 4:28

Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	23.6	29.9	44.9#

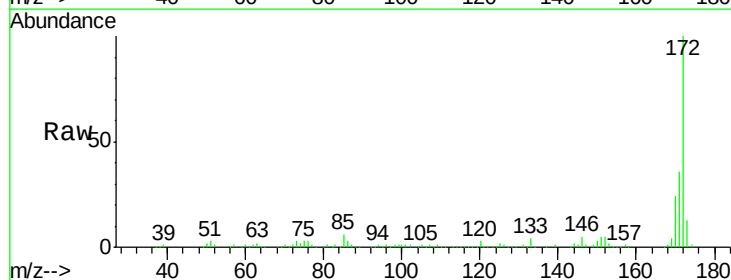


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

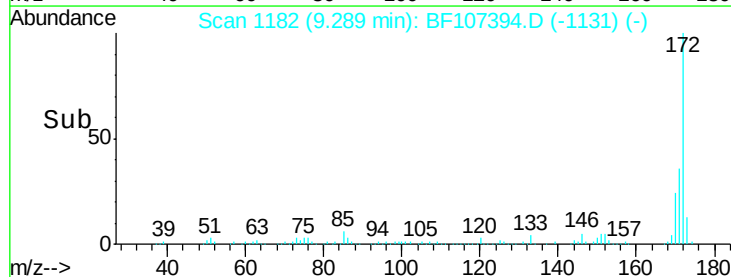
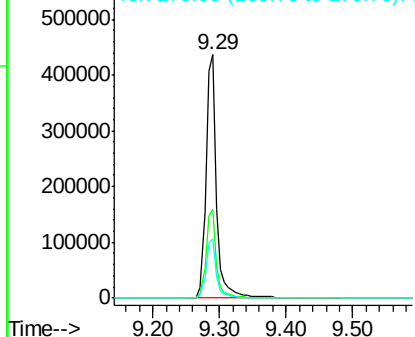


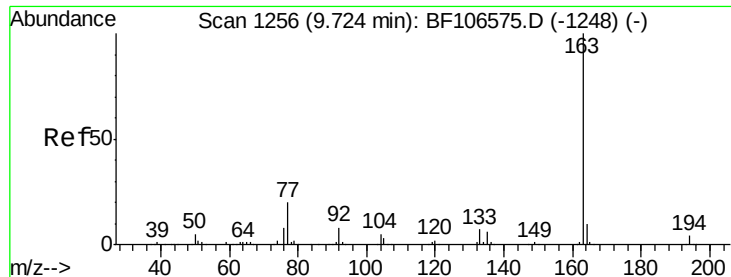
#44
 2-Fluorobiphenyl
 Concen: 117.015 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107394.D
 Acq: 14 Jul 2018 4:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.2	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

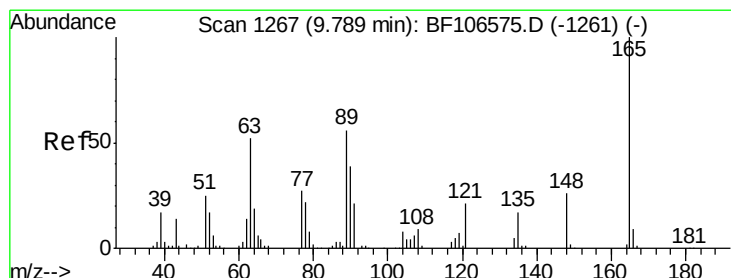
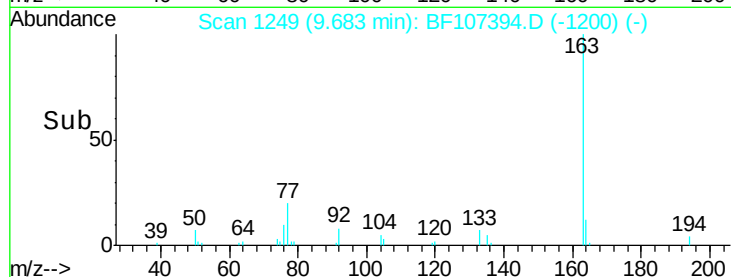
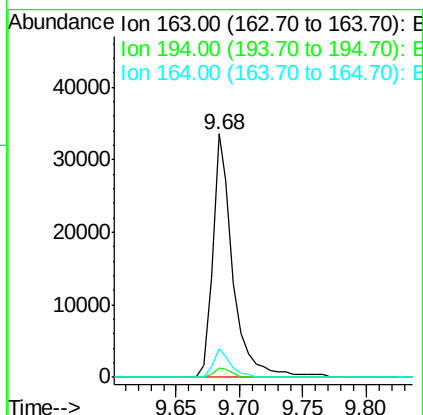
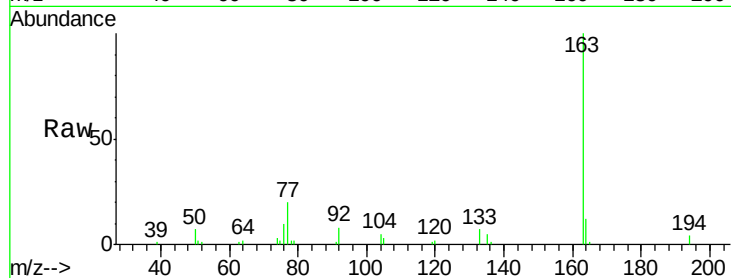




#49
Dimethylphthalate
Concen: 6.897 ng
RT: 9.68 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF107394.D
Acq: 14 Jul 2018 4:28

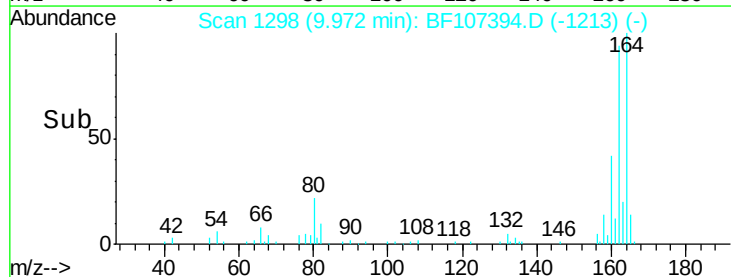
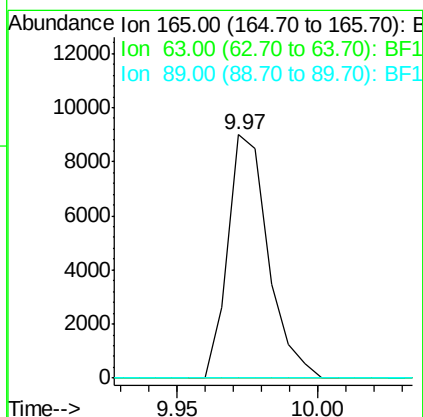
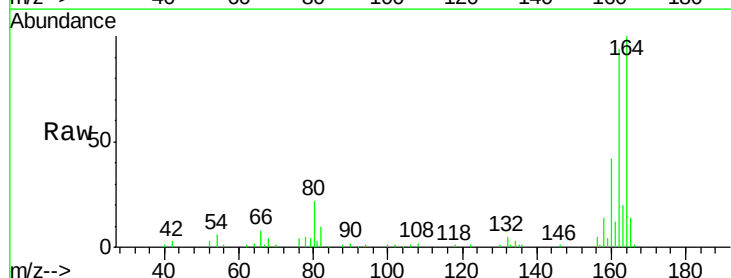
Instrument :
BNA_F
ClientSampleId :
071118-TIPC-F-D-S

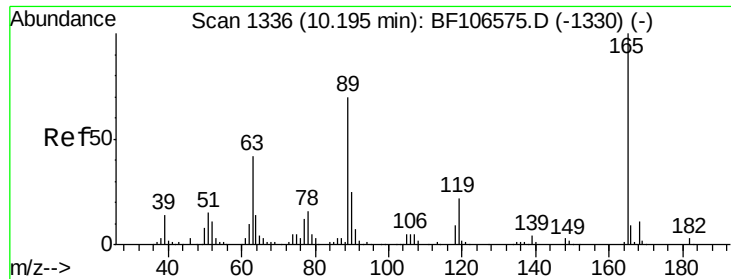
Tgt Ion:163 Resp: 37456
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.9 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.790 ng
RT: 9.97 min Scan# 1298
Delta R.T. 0.20 min
Lab File: BF107394.D
Acq: 14 Jul 2018 4:28

Tgt Ion:165 Resp: 8958
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 0.0 44.0 66.0#

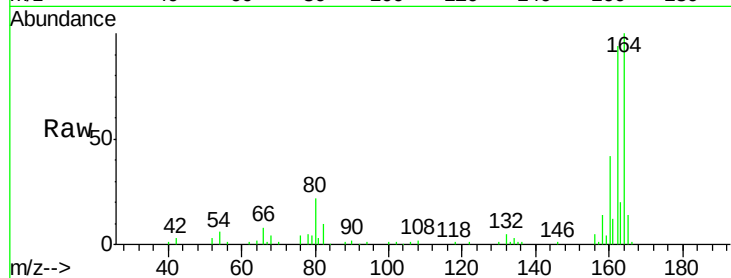




#56
 2,4-Dinitrotoluene
 Concen: 5.968 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF107394.D
 Acq: 14 Jul 2018 4:28

Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-D-S

Tgt Ion:	165	Resp:	8958
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#

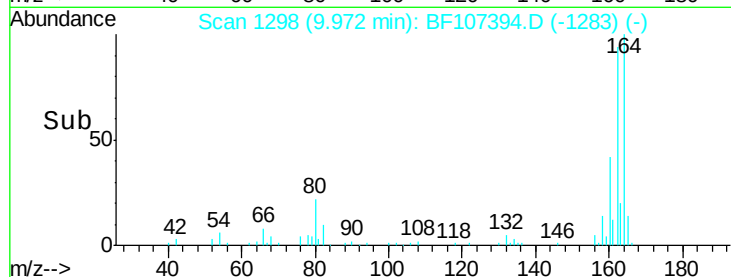
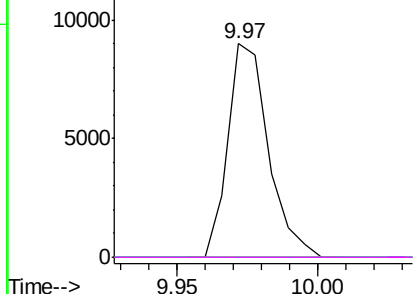


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

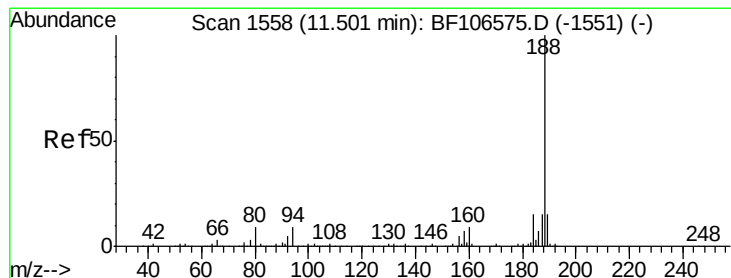
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF107394.D
 Acq: 14 Jul 2018 4:28

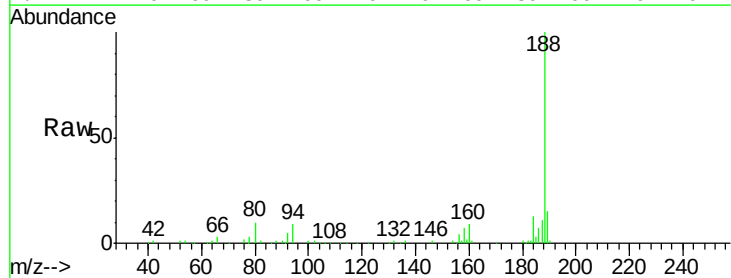
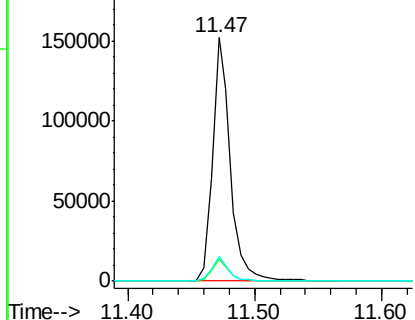
Tgt Ion:	188	Resp:	149999
Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.5	12.7
80	10.2	9.2	13.8

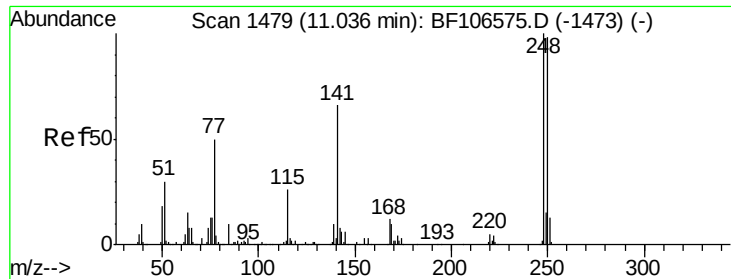


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

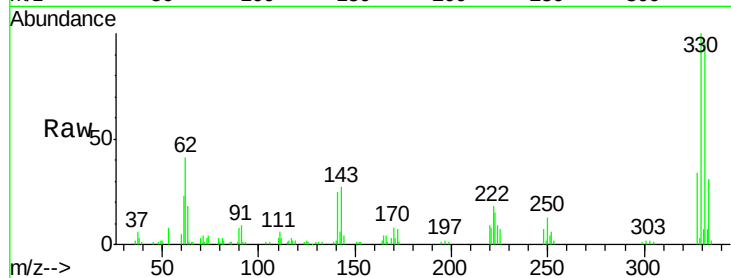




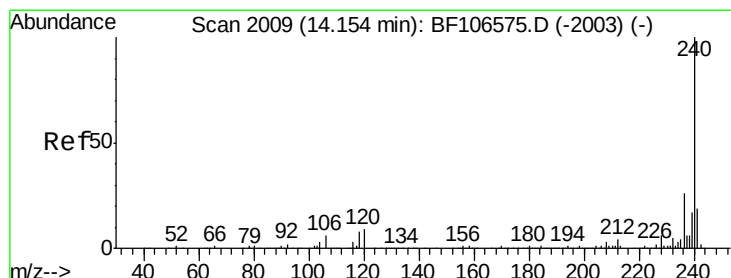
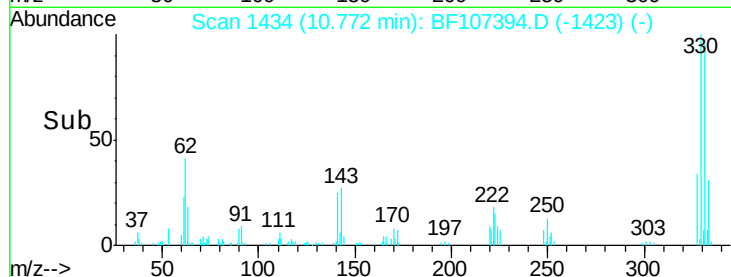
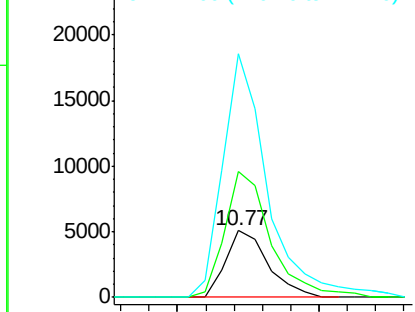
#66
4-Bromophenyl-phenylether
Concen: 2.965 ng
RT: 10.77 min Scan# 1434
Delta R.T. -0.24 min
Lab File: BF107394.D
Acq: 14 Jul 2018 4:28

Instrument :
BNA_F
ClientSampleId :
071118-TIPC-F-D-S

Tgt Ion:248 Resp: 5307
Ion Ratio Lower Upper
248 100
250 188.5 76.9 115.3#
141 365.0 74.4 111.6#

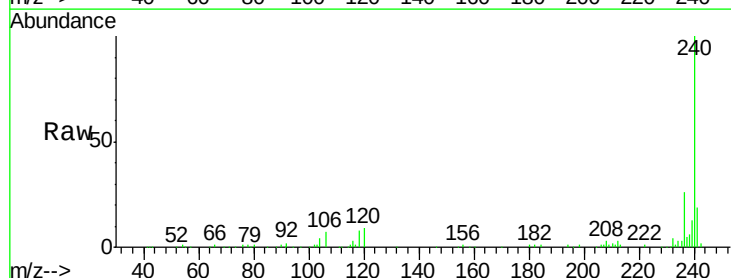


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

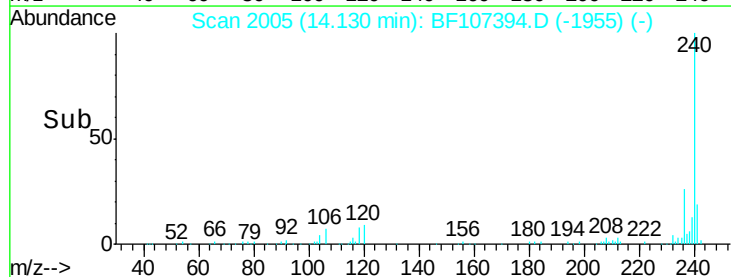
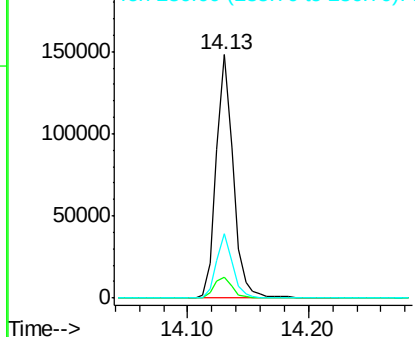


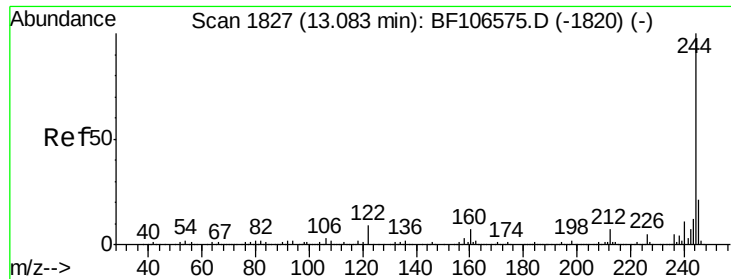
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF107394.D
Acq: 14 Jul 2018 4:28

Tgt Ion:240 Resp: 142273
Ion Ratio Lower Upper
240 100
120 8.8 9.5 14.3#
236 26.3 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: 113.727 ng

RT: 13.06 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF107394.D

Acq: 14 Jul 2018 4:28

Instrument :

BNA_F

ClientSampleId :

071118-TIPC-F-D-S

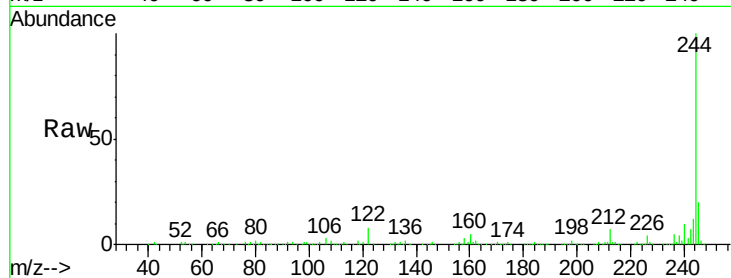
Tgt Ion:244 Resp: 667972

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

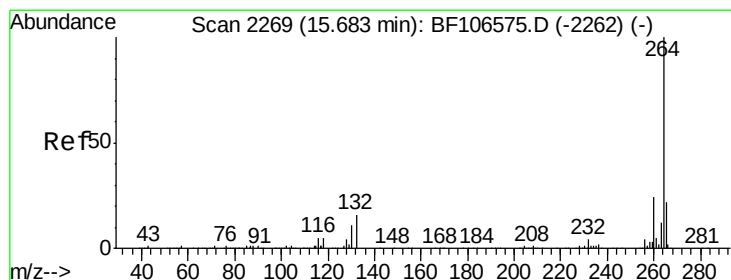
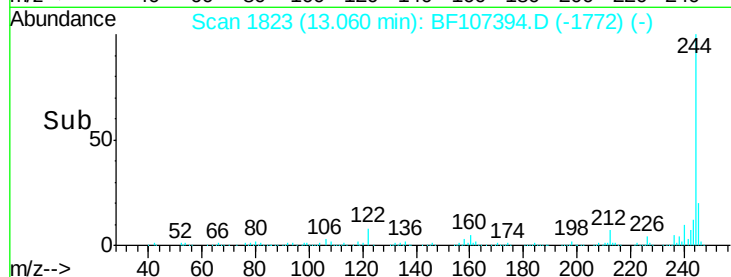
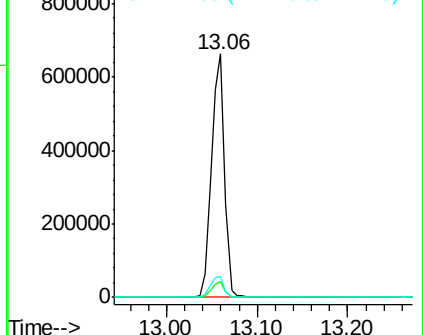
122 8.4 11.0 16.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2266

Delta R.T. 0.00 min

Lab File: BF107394.D

Acq: 14 Jul 2018 4:28

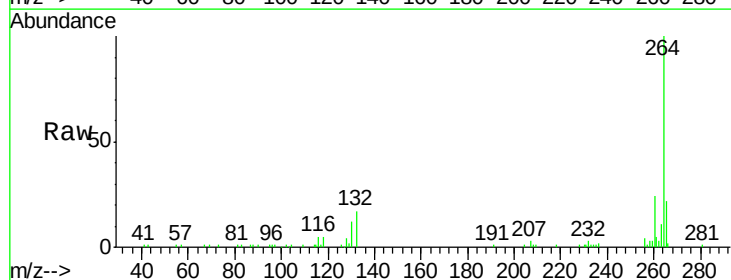
Tgt Ion:264 Resp: 100776

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.0 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

