

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105013.D
 Acq On : 2 May 2018 6:00
 Operator : JU/SJ
 Sample : J2645-06
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-U-S

Quant Time: May 02 07:01:30 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 16:13:08 2018
 Response via : Initial Calibration

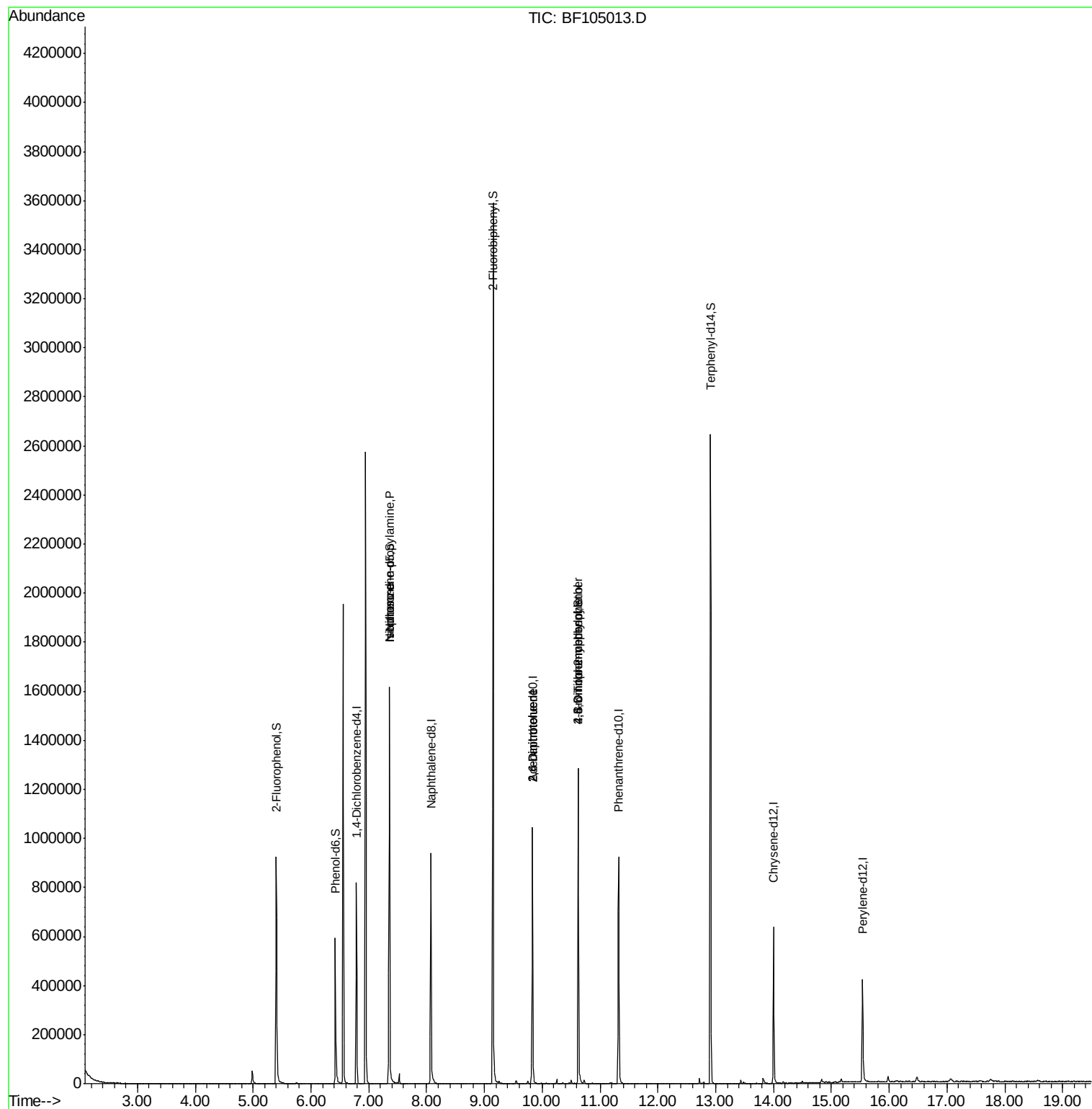
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114719	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	484050	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	220381	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	362064	20.00	ng	0.00
75) Chrysene-d12	14.00	240	246199	20.00	ng	0.03
86) Perylene-d12	15.54	264	216309	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	302013	40.25	ng	0.00
7) Phenol-d6	6.42	99	235937	25.59	ng	-0.01
23) Nitrobenzene-d5	7.36	82	663565	89.51	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	175964	76.97	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1177806	84.43	ng	0.00
78) Terphenyl-d14	12.91	244	968415	89.68	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	85653	14.219	ng	# 71
25) Isophorone	7.36	82	663559	42.330	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	27658	8.601	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	27658	6.557	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.62	198	432	7.555	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	10258	2.664	ng	# 1
76) Benidine	12.91	184	12432	Below Cal		# 92

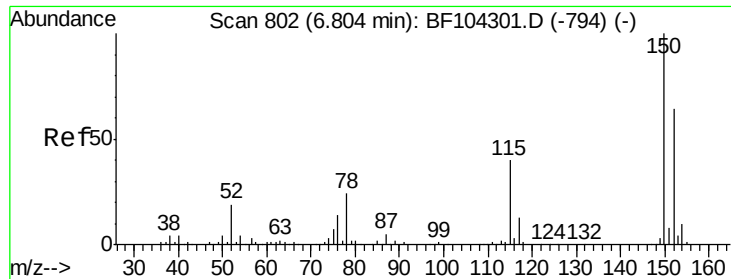
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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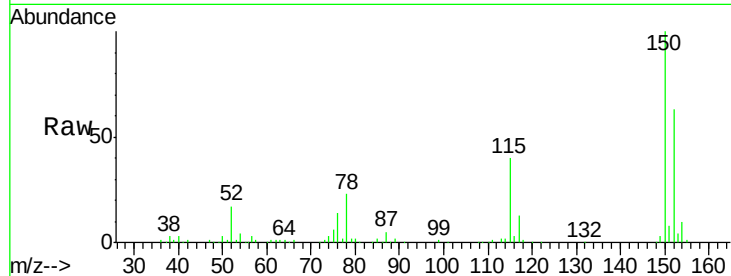


#1

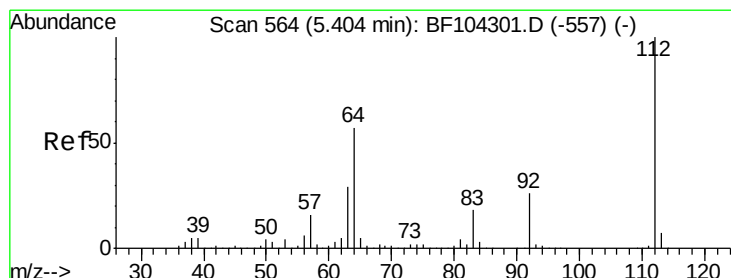
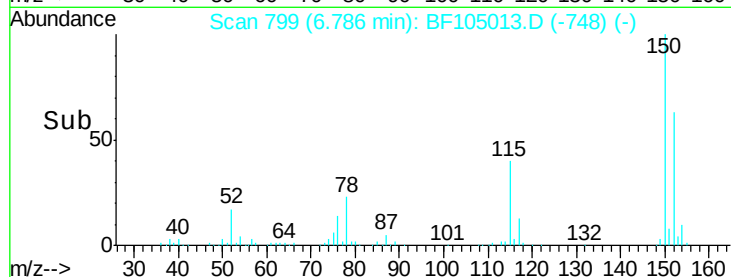
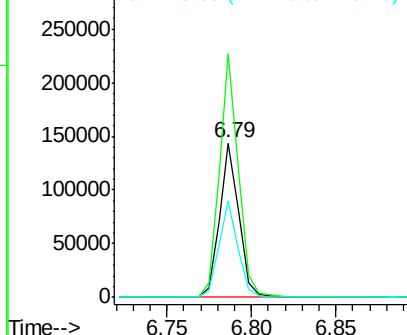
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105013.D
Acq: 2 May 2018 6:00

Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-U-S

Tgt Ion:152 Resp: 114719
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 62.9 50.1 75.1



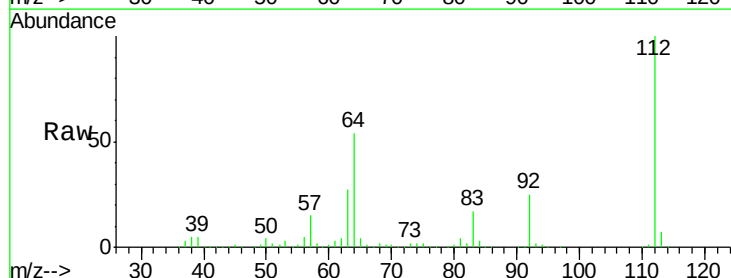
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



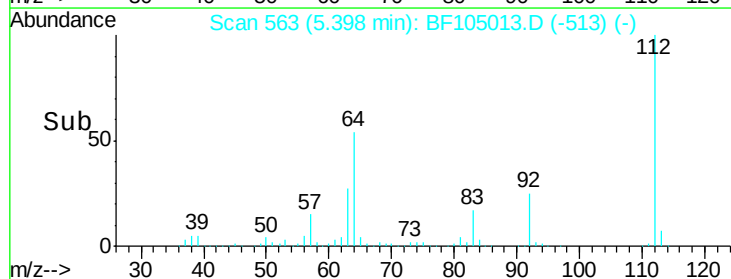
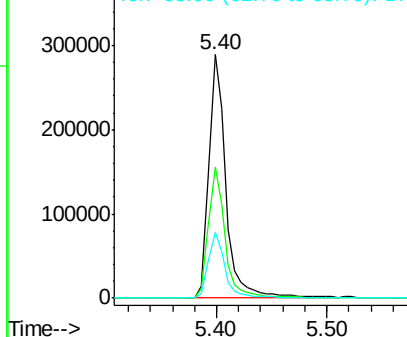
#5

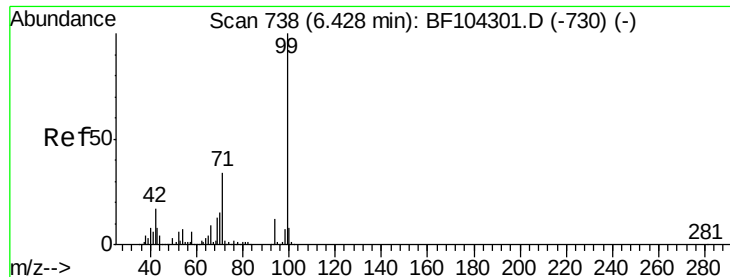
2-Fluorophenol
Concen: 40.254 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105013.D
Acq: 2 May 2018 6:00

Tgt Ion:112 Resp: 302013
Ion Ratio Lower Upper
112 100
64 53.7 47.9 71.9
63 27.1 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: 25.595 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105013.D

Acq: 2 May 2018 6:00

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-U-S

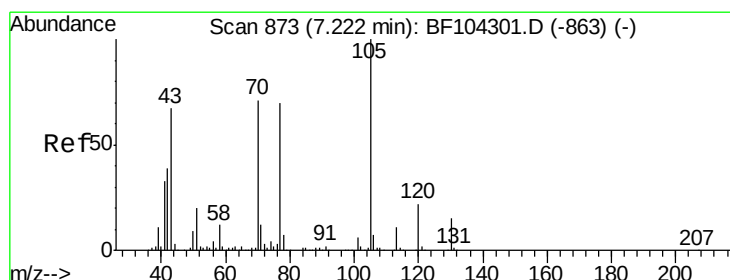
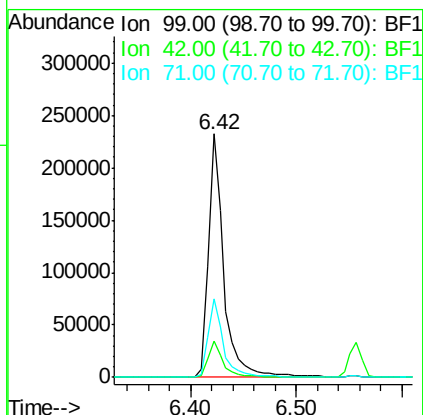
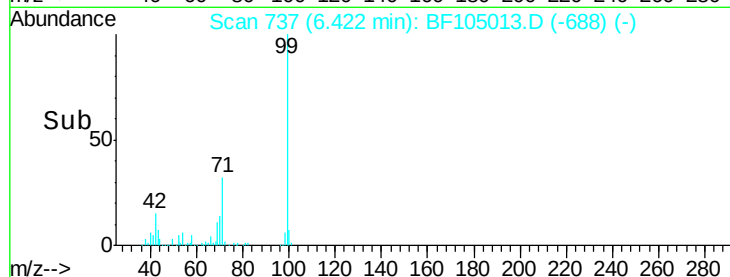
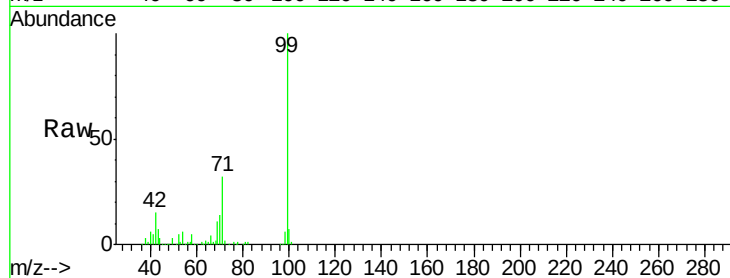
Tgt Ion: 99 Resp: 235937

Ion Ratio Lower Upper

99 100

42 14.8 14.5 21.7

71 32.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.219 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF105013.D

Acq: 2 May 2018 6:00

Tgt Ion: 70 Resp: 85653

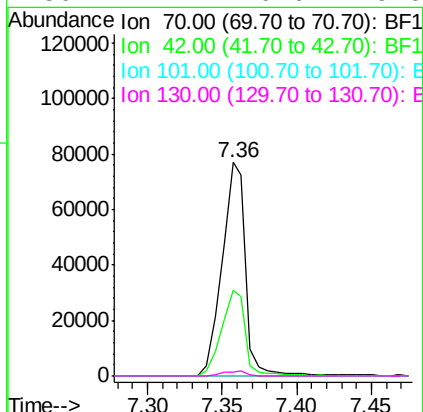
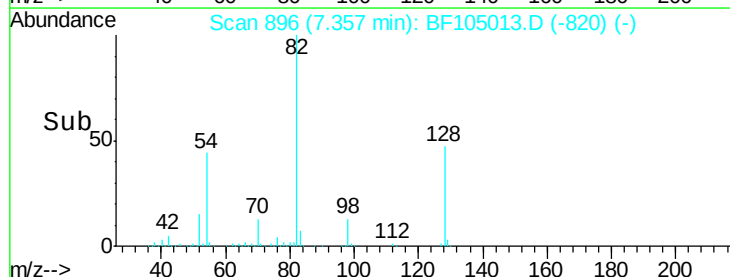
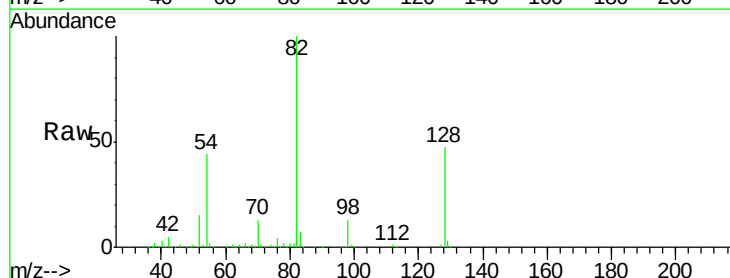
Ion Ratio Lower Upper

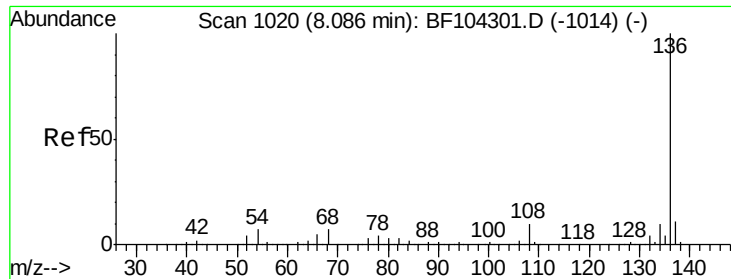
70 100

42 40.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

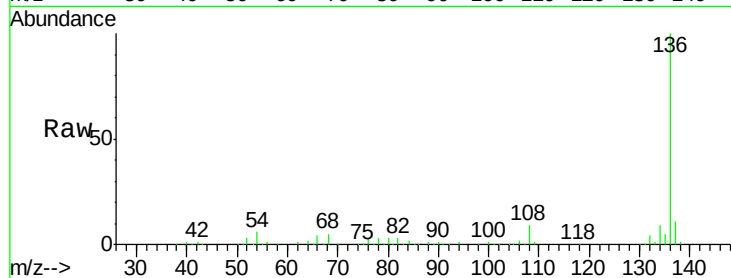




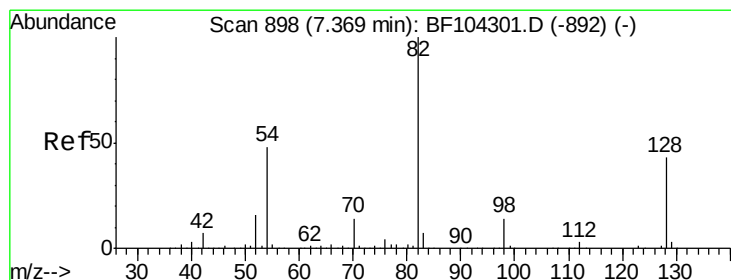
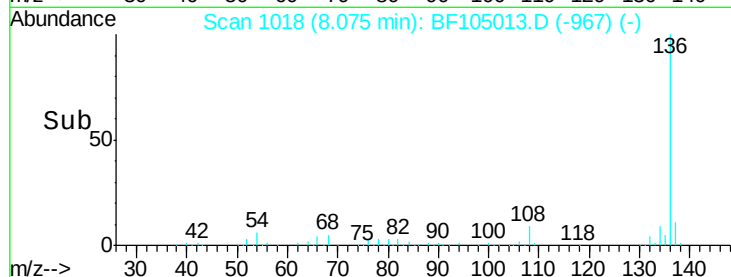
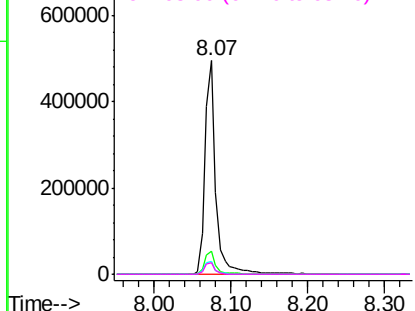
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105013.D
Acq: 2 May 2018 6:00

Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-U-S

Tgt Ion: 136 Resp: 484050
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 5.8 6.6 9.8#
68 5.1 5.0 7.4

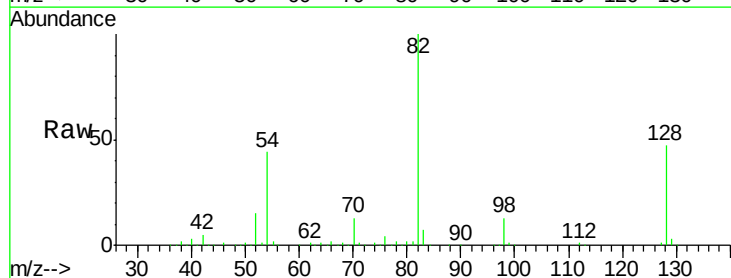


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

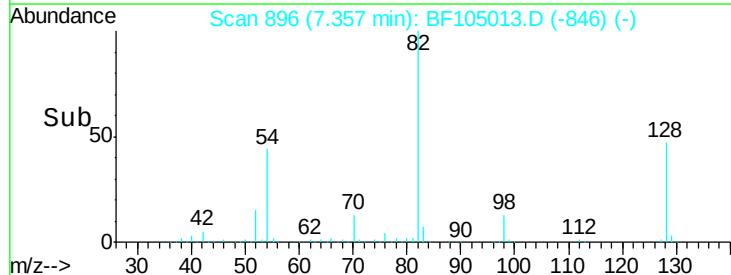
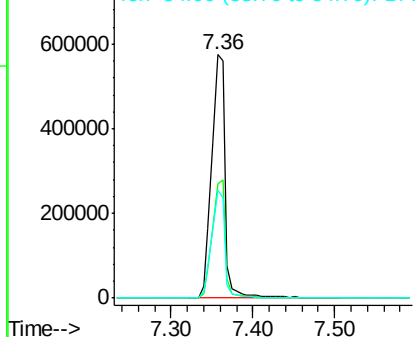


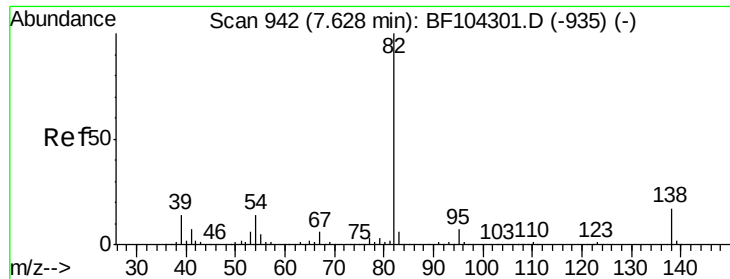
#23
Nitrobenzene-d5
Concen: 89.515 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105013.D
Acq: 2 May 2018 6:00

Tgt Ion: 82 Resp: 663565
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 44.2 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: 42.330 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105013.D

Acq: 2 May 2018 6:00

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-U-S

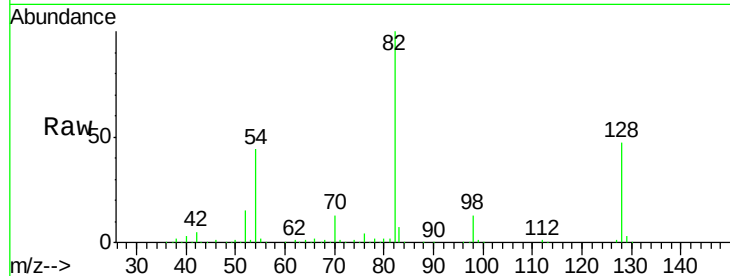
Tgt Ion: 82 Resp: 663559

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

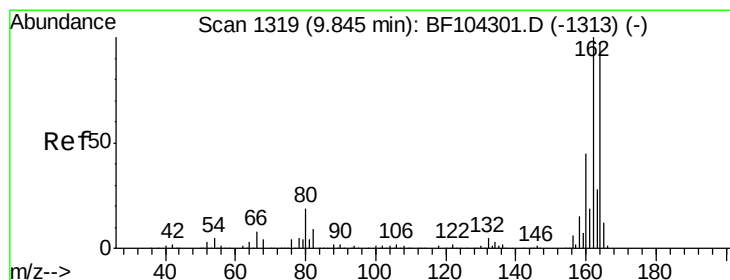
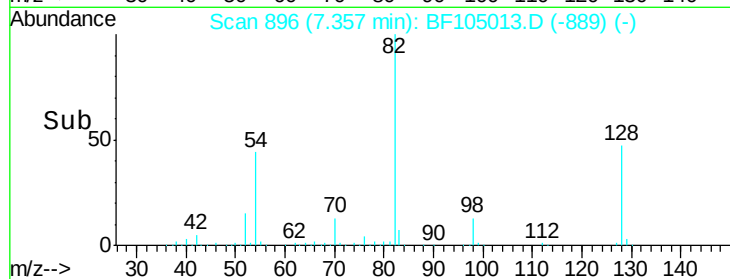
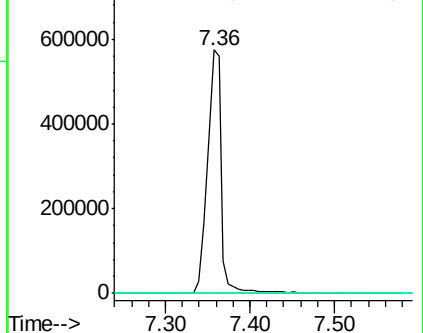
138 0.0 14.9 22.3#



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: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF105013.D

Acq: 2 May 2018 6:00

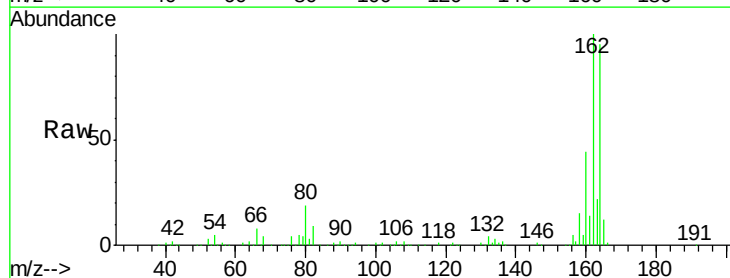
Tgt Ion: 164 Resp: 220381

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

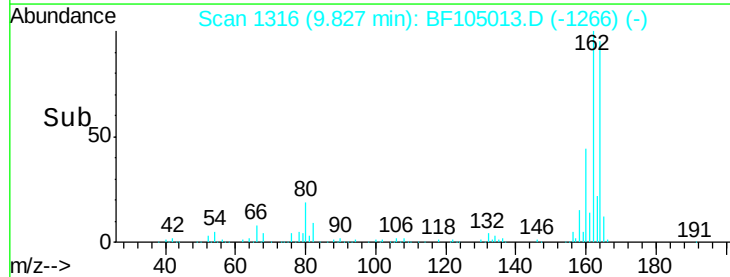
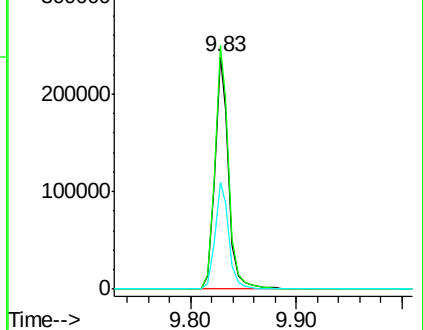
160 45.7 38.3 57.5

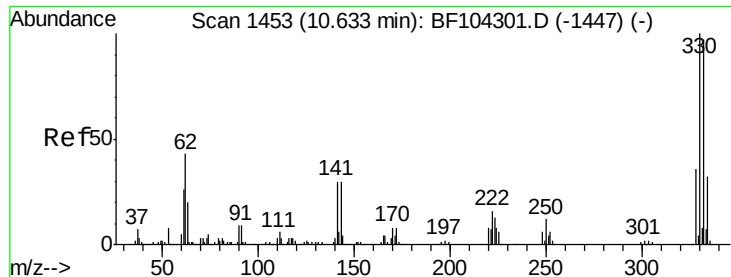


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 76.972 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF105013.D

Acq: 2 May 2018 6:00

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-U-S

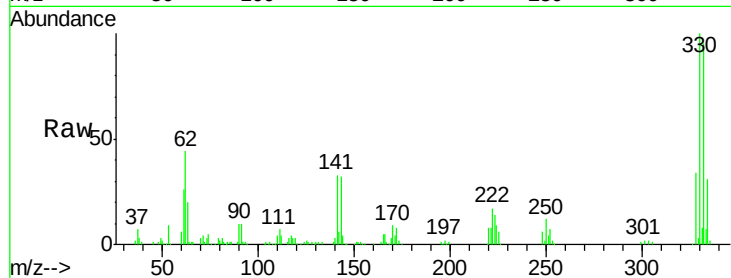
Tgt Ion:330 Resp: 175964

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

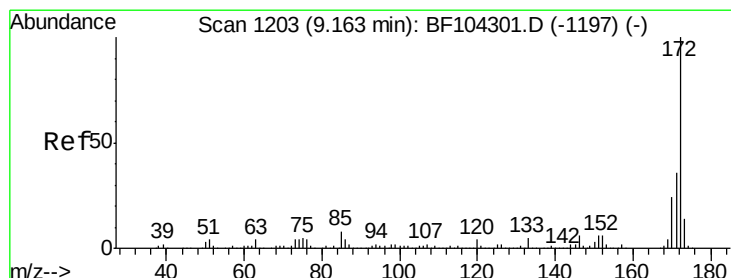
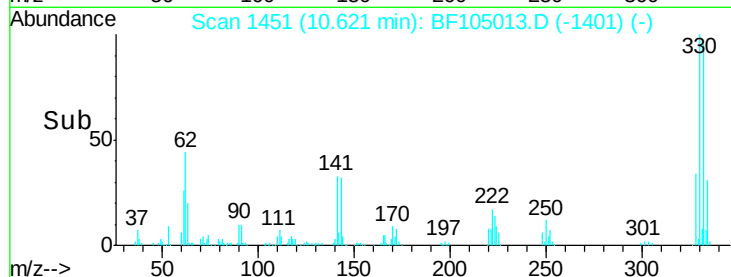
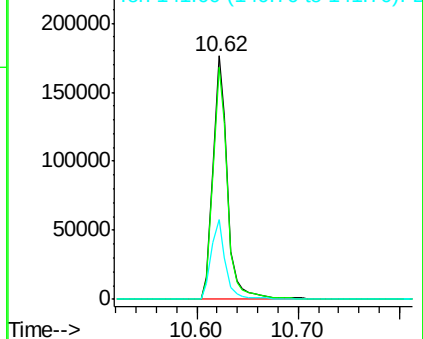
141 32.2 29.9 44.9



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: 84.428 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF105013.D

Acq: 2 May 2018 6:00

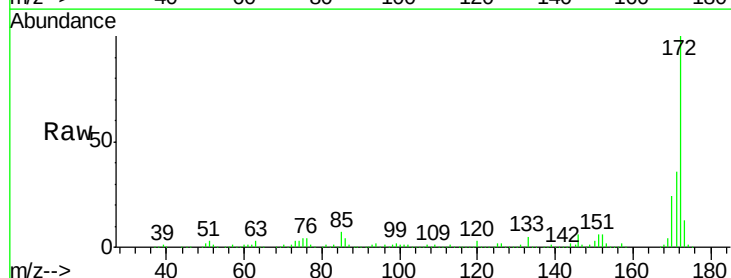
Tgt Ion:172 Resp: 1177806

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

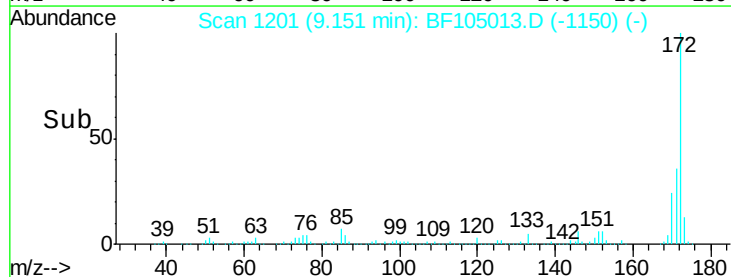
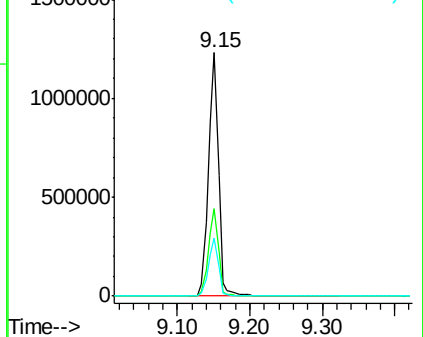
170 24.0 19.6 29.4

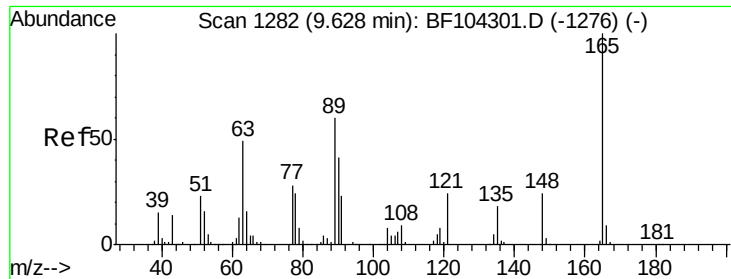


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

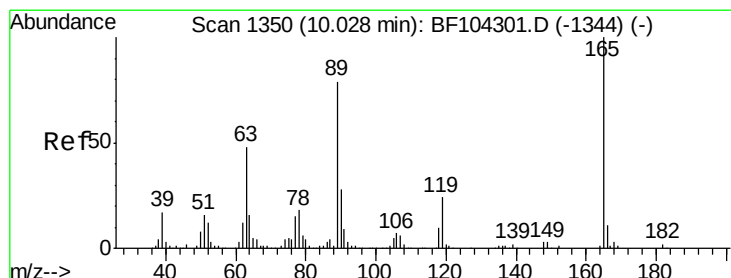
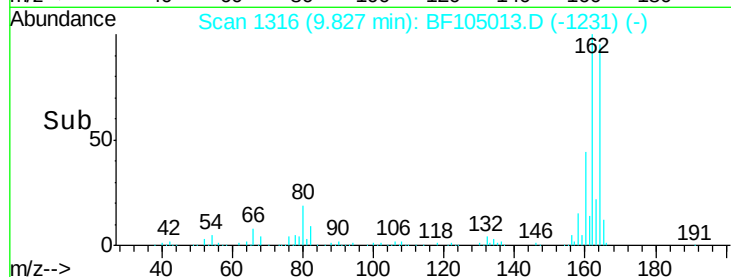
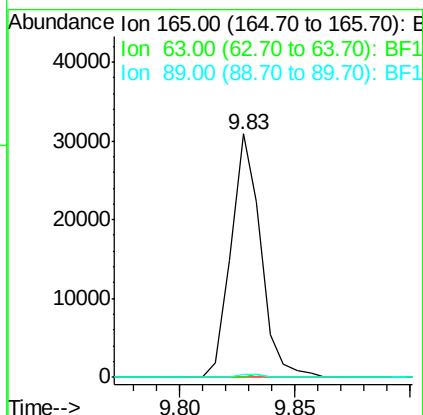
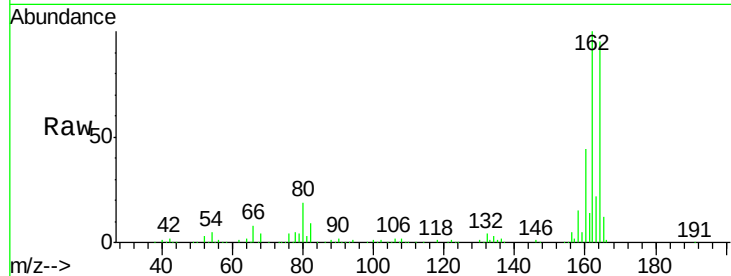




#50
 2,6-Dinitrotoluene
 Concen: 8.601 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.20 min
 Lab File: BF105013.D
 Acq: 2 May 2018 6:00

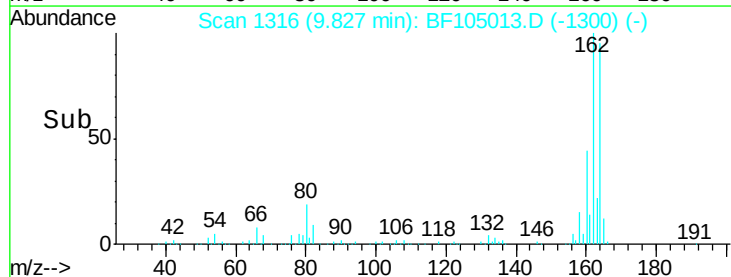
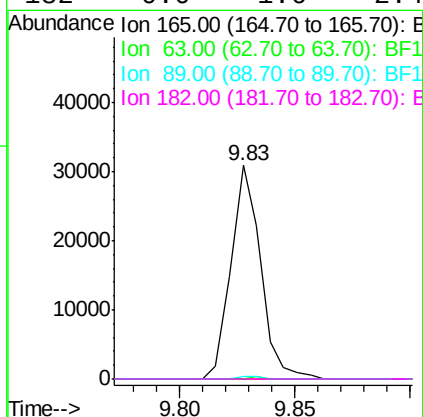
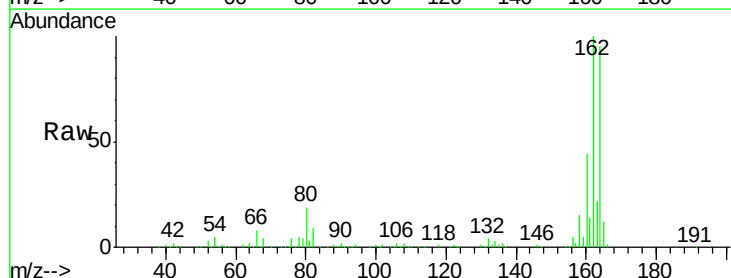
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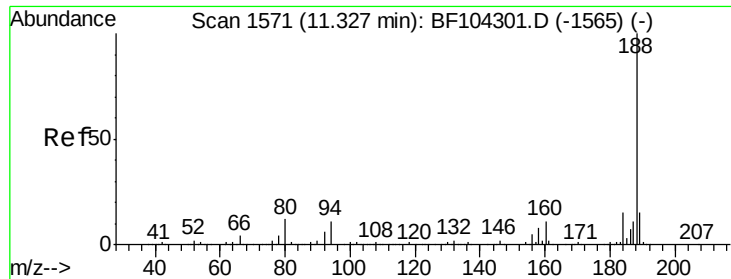
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.1	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.557 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105013.D
 Acq: 2 May 2018 6:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

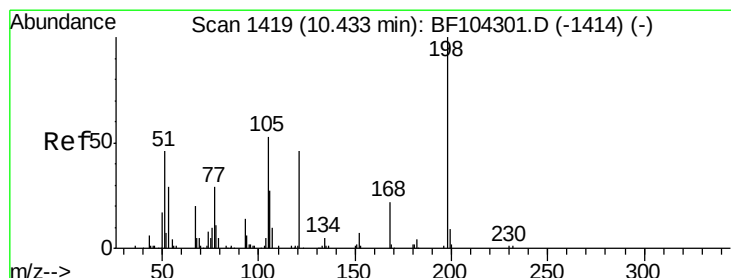
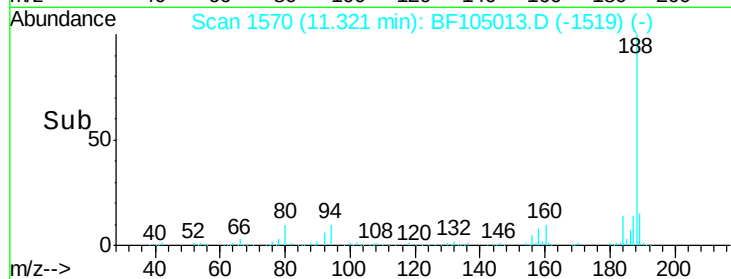
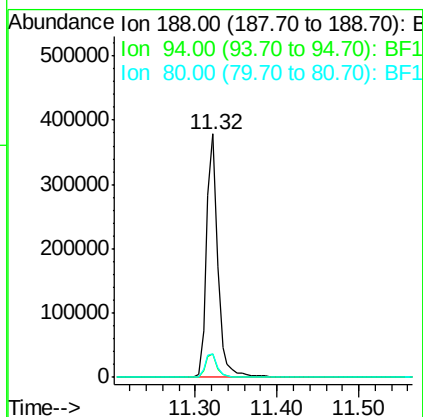
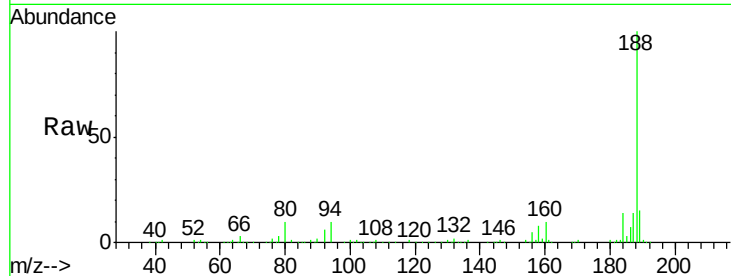




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105013.D
Acq: 2 May 2018 6:00

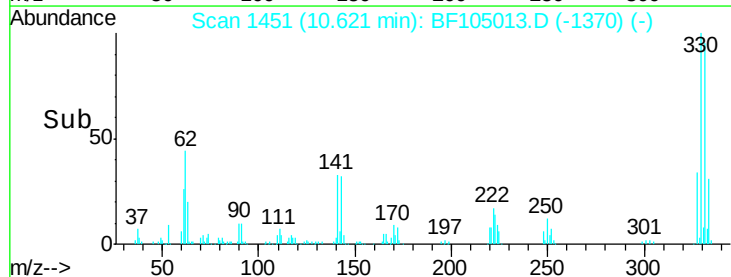
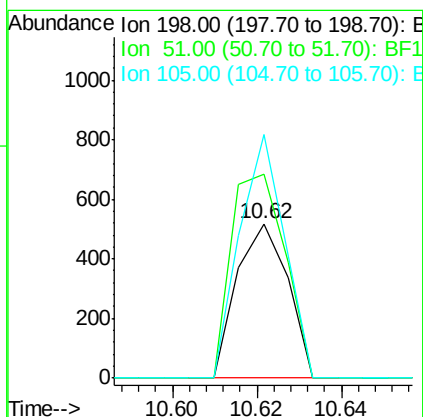
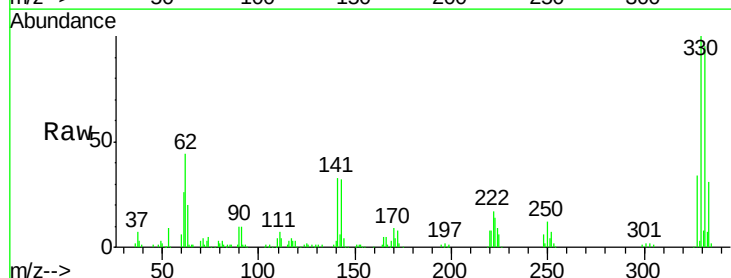
Instrument :
BNA_F
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042718-SIDI-E-U-S

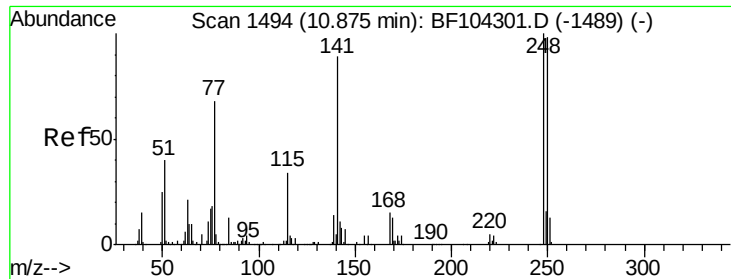
Tgt Ion:188 Resp: 362064
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.8 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.555 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.18 min
Lab File: BF105013.D
Acq: 2 May 2018 6:00

Tgt Ion:198 Resp: 432
Ion Ratio Lower Upper
198 100
51 132.3 37.7 77.7#
105 158.0 36.3 76.3#

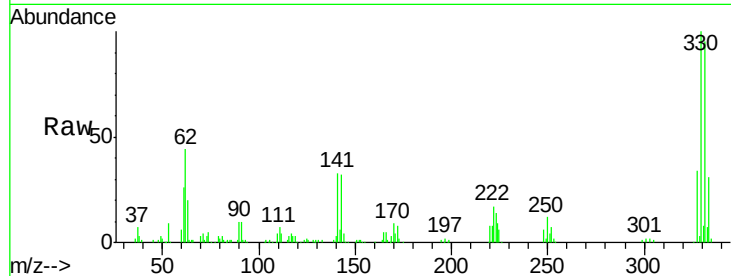




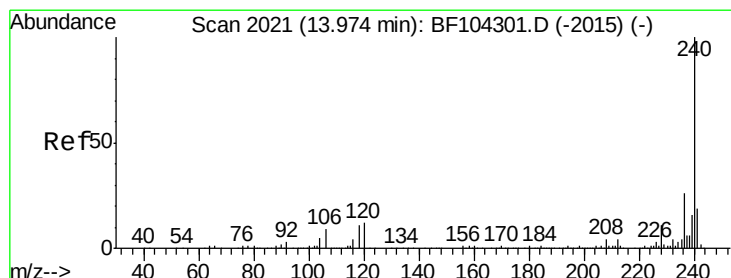
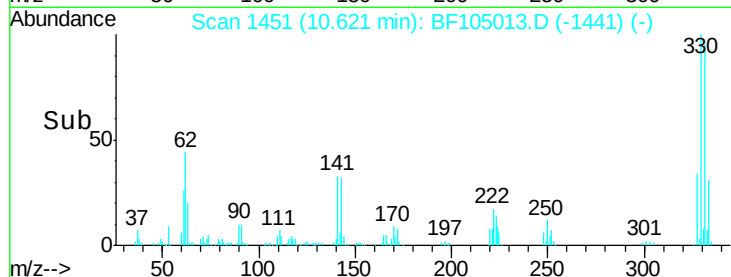
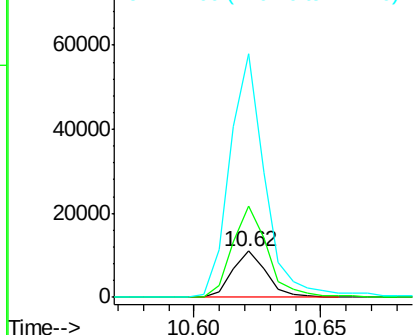
#66
 4-Bromophenyl-phenylether
 Concen: 2.664 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF105013.D
 Acq: 2 May 2018 6:00

Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-U-S

Tgt Ion:248 Resp: 10258
 Ion Ratio Lower Upper
 248 100
 250 199.3 76.9 115.3#
 141 529.2 74.4 111.6#

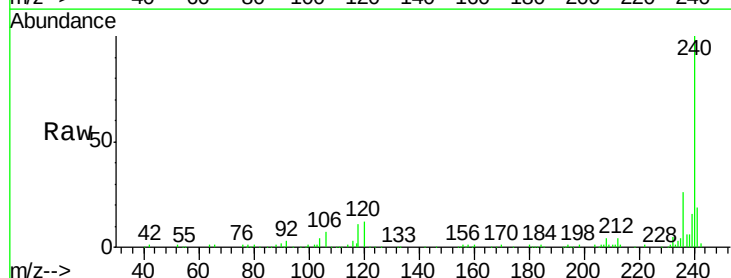


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

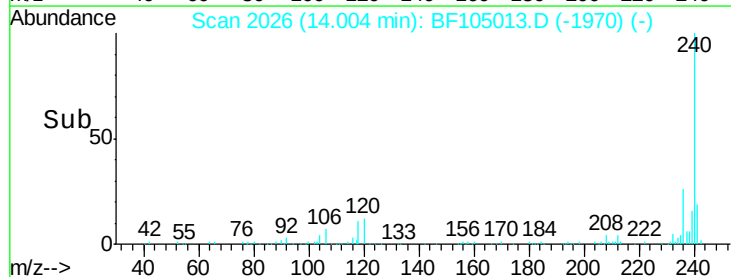
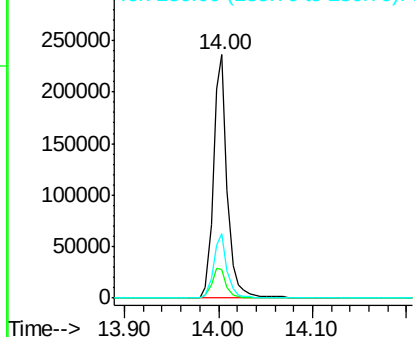


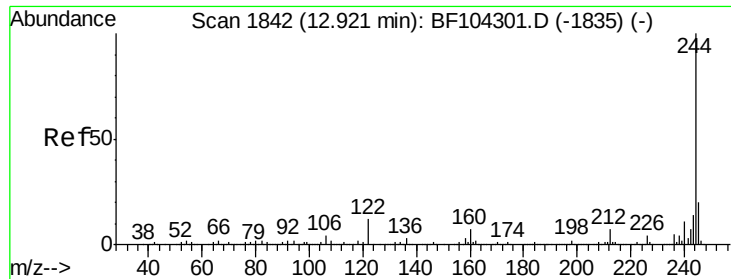
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.03 min
 Lab File: BF105013.D
 Acq: 2 May 2018 6:00

Tgt Ion:240 Resp: 246199
 Ion Ratio Lower Upper
 240 100
 120 11.7 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: 89.676 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BF105013.D

Acq: 2 May 2018 6:00

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-U-S

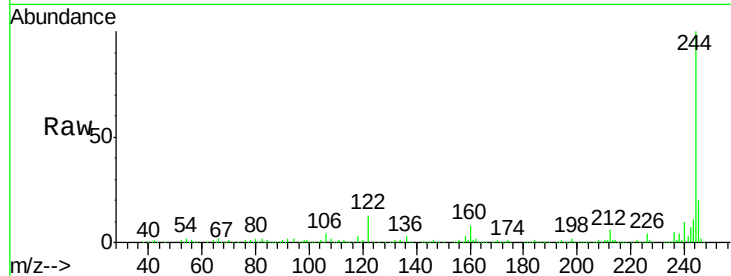
Tgt Ion:244 Resp: 968415

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

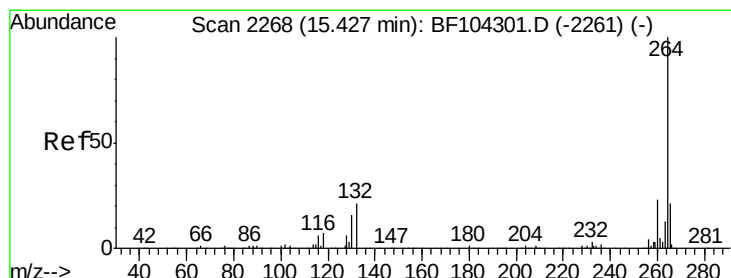
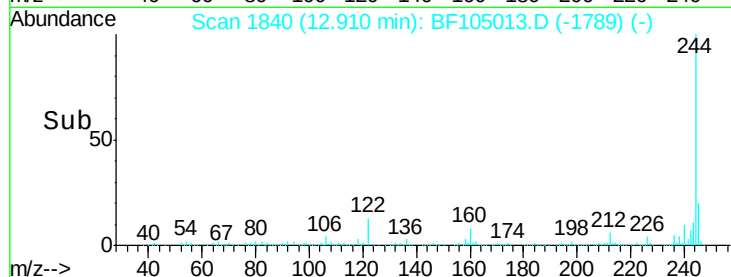
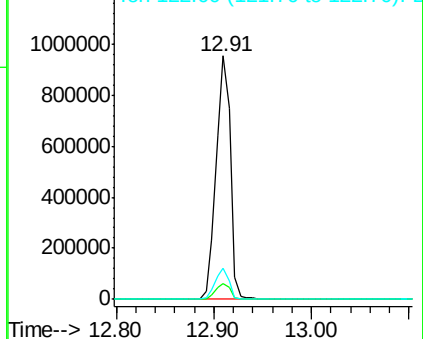
122 12.5 11.0 16.4



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: 15.54 min Scan# 2287

Delta R.T. 0.11 min

Lab File: BF105013.D

Acq: 2 May 2018 6:00

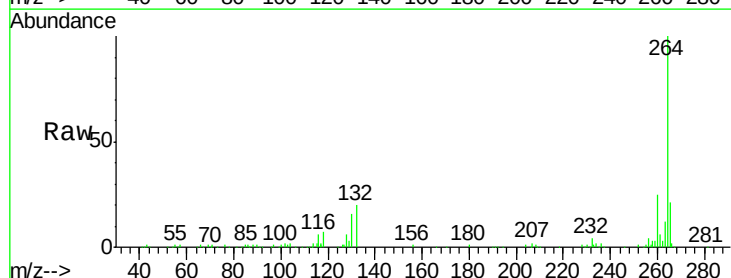
Tgt Ion:264 Resp: 216309

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.1 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

