

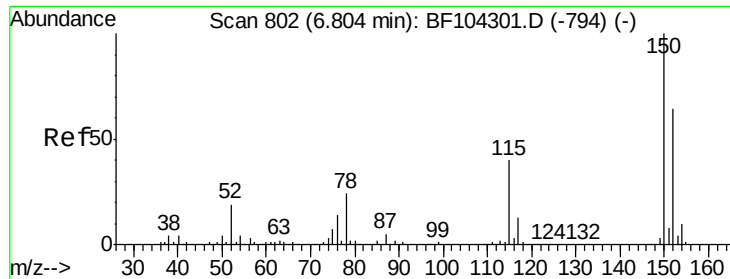
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105011.D
 Acq On : 2 May 2018 5:06
 Operator : JU/SJ
 Sample : J2645-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: May 02 07:00:56 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	115742	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	488608	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	221292	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	366352	20.00	ng	0.00
75) Chrysene-d12	14.00	240	249808	20.00	ng	0.02
86) Perylene-d12	15.53	264	218208	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	313458	41.41	ng	0.00
7) Phenol-d6	6.42	99	239641	25.77	ng	-0.01
23) Nitrobenzene-d5	7.36	82	689453	92.14	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	179911	78.37	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1226904	87.59	ng	0.00
78) Terphenyl-d14	12.91	244	996558	90.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	88122	14.500	ng	# 75
25) Isophorone	7.36	82	689448	43.572	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	27930	8.650	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	27930	6.594	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.62	198	400	7.537	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	11073	2.842	ng	# 1
76) Benizidine	12.91	184	13069	Below Cal		98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BF105011.D

Acq: 2 May 2018 5:06

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-U-B

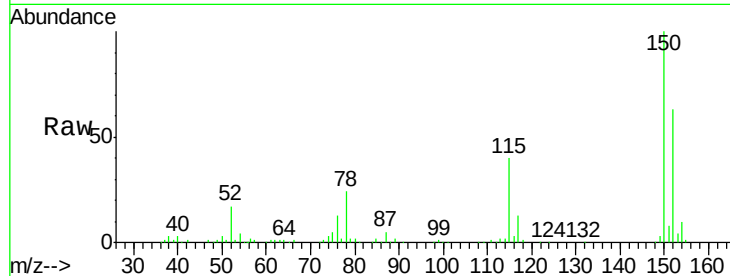
Tgt Ion:152 Resp: 115742

Ion Ratio Lower Upper

152 100

150 158.2 124.6 186.8

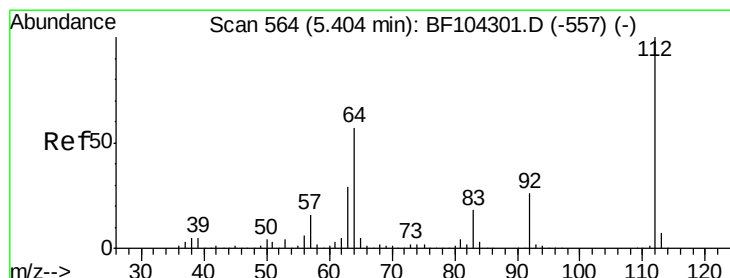
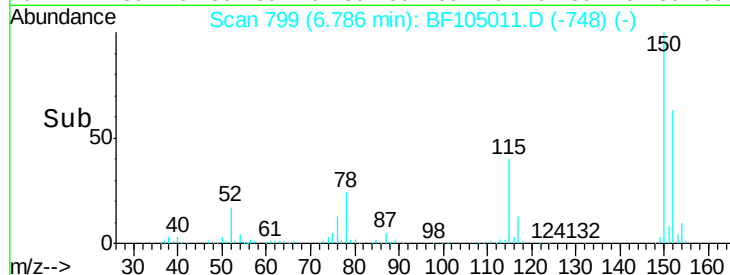
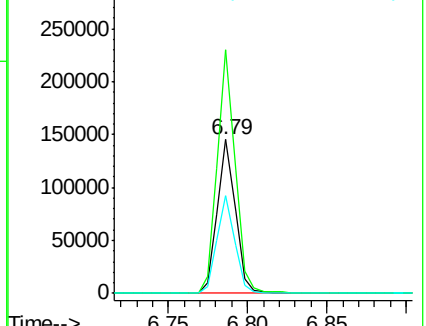
115 63.1 50.1 75.1



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: 41.411 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: BF105011.D

Acq: 2 May 2018 5:06

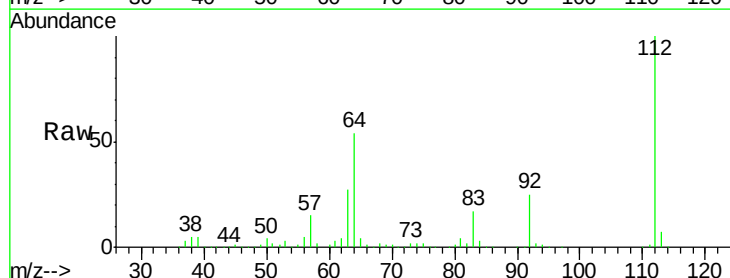
Tgt Ion:112 Resp: 313458

Ion Ratio Lower Upper

112 100

64 53.9 47.9 71.9

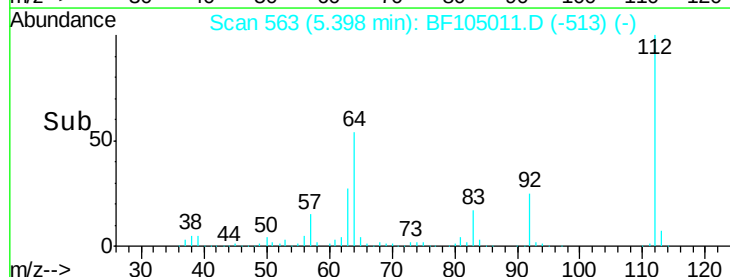
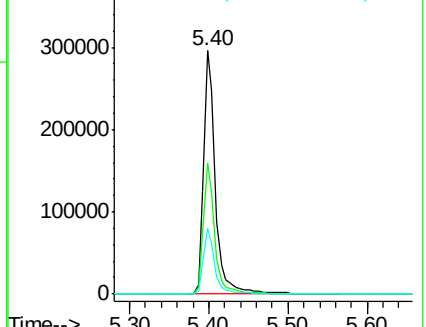
63 26.7 23.7 35.5

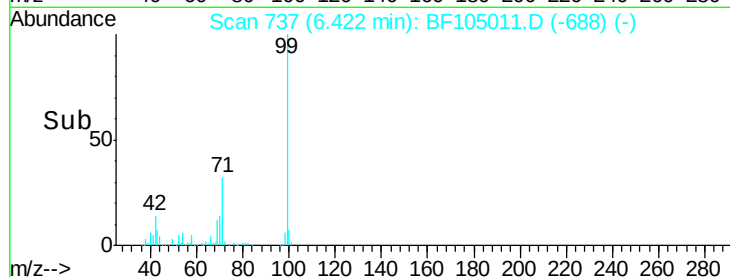
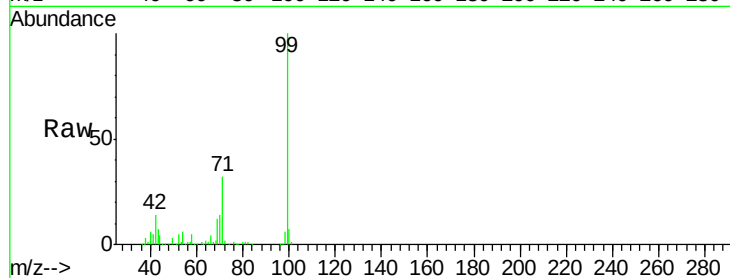
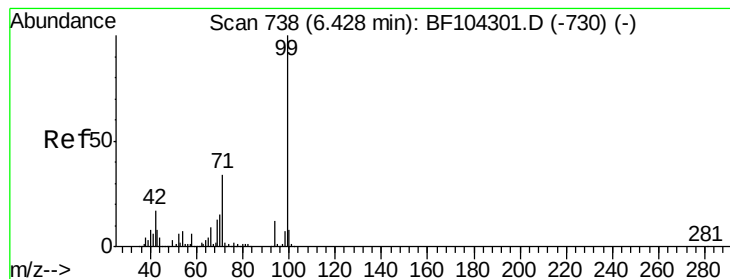


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 25.767 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105011.D

Acq: 2 May 2018 5:06

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-U-B

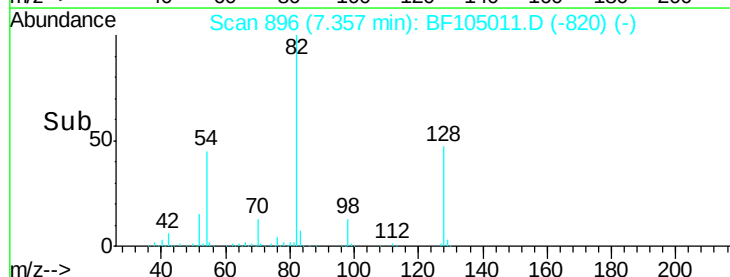
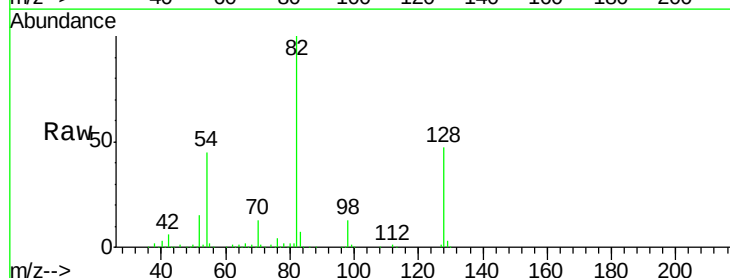
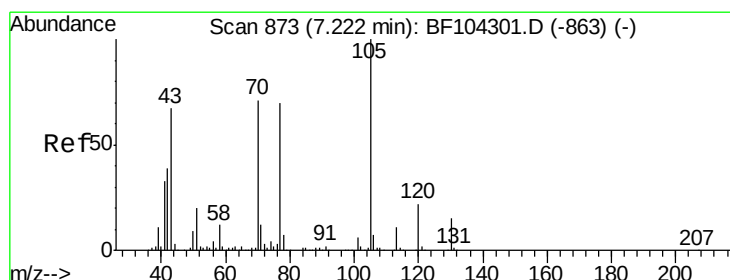
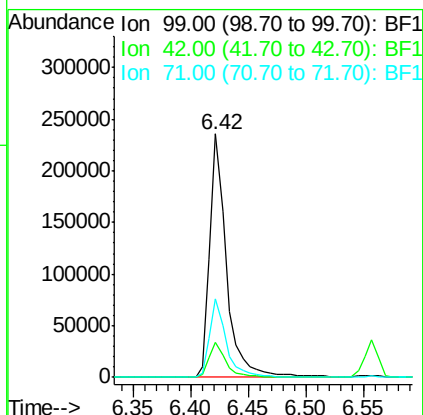
Tgt Ion: 99 Resp: 239641

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

71 32.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.500 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF105011.D

Acq: 2 May 2018 5:06

Tgt Ion: 70 Resp: 88122

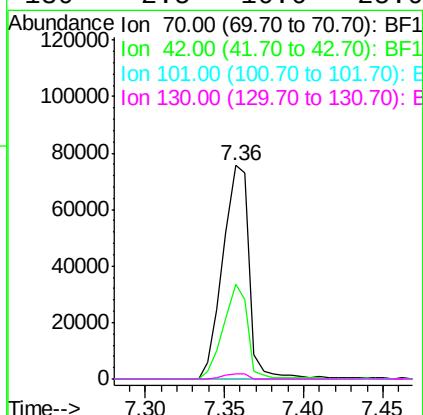
Ion Ratio Lower Upper

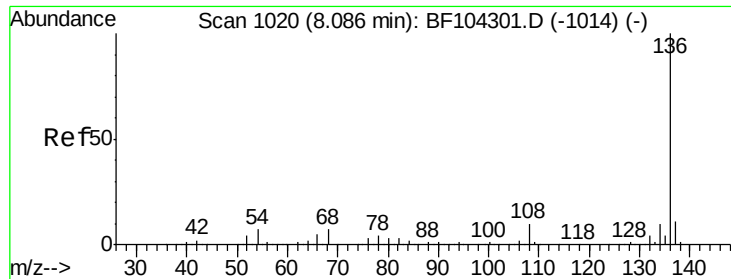
70 100

42 44.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

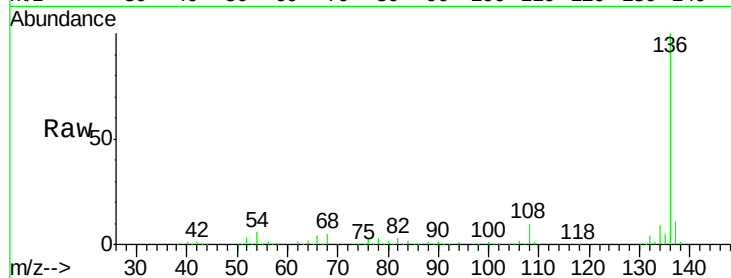




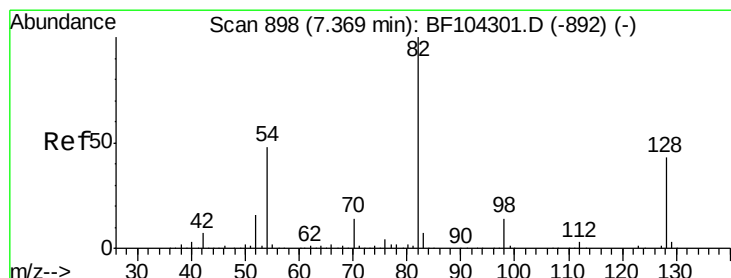
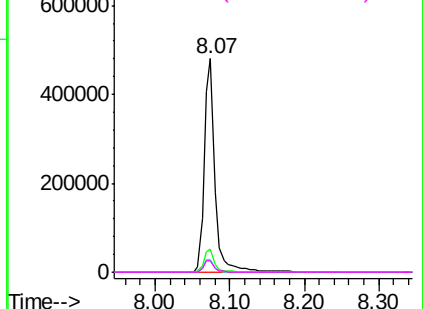
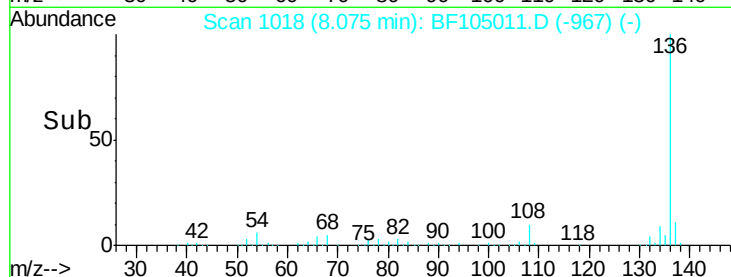
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105011.D
Acq: 2 May 2018 5:06

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

Tgt Ion:	136	Resp:	488608
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.8	6.6	9.8#
68	5.1	5.0	7.4

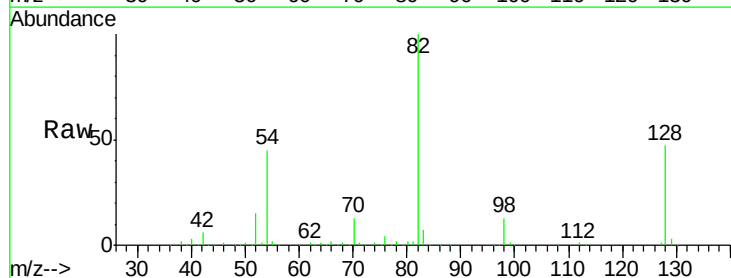


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

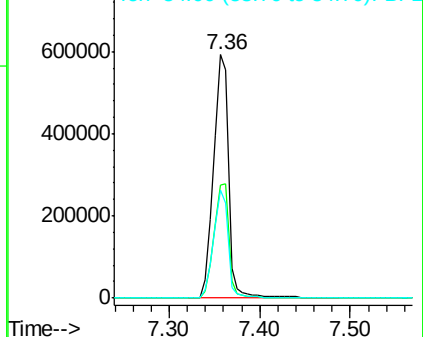
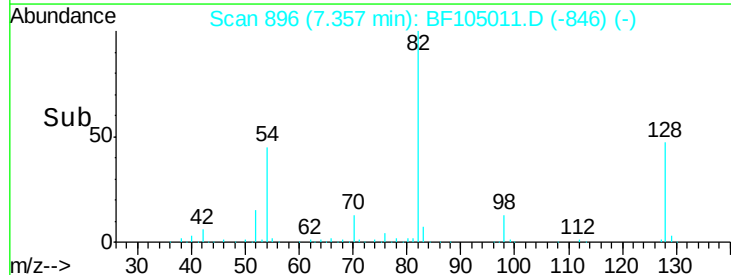


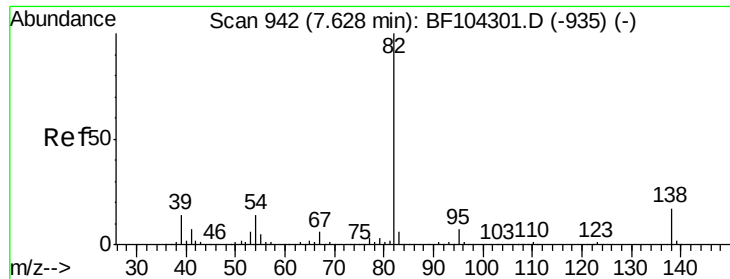
#23
Nitrobenzene-d5
Concen: 92.139 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105011.D
Acq: 2 May 2018 5:06

Tgt Ion:	82	Resp:	689453
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	44.6	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: 43.572 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105011.D

Acq: 2 May 2018 5:06

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-U-B

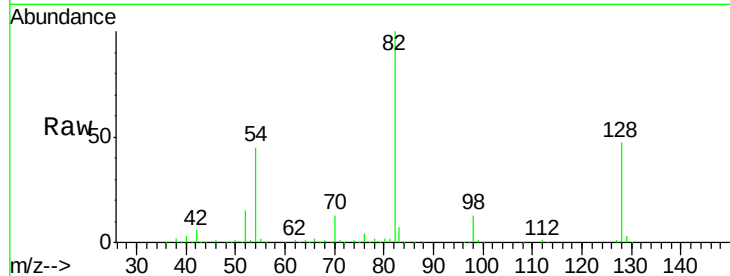
Tgt Ion: 82 Resp: 689448

Ion Ratio Lower Upper

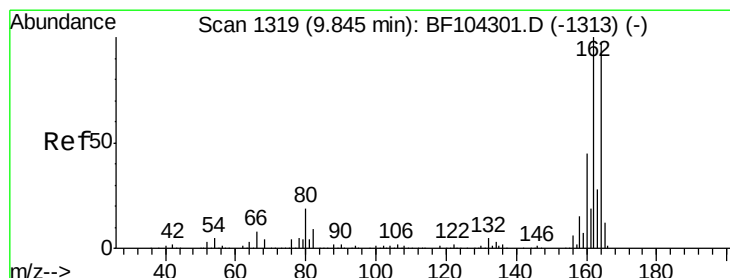
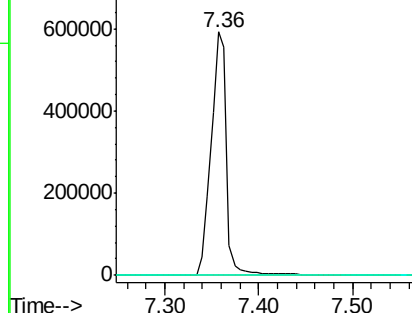
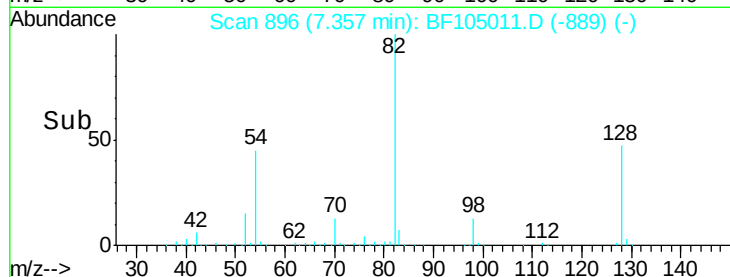
82 100

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: BF105011.D

Acq: 2 May 2018 5:06

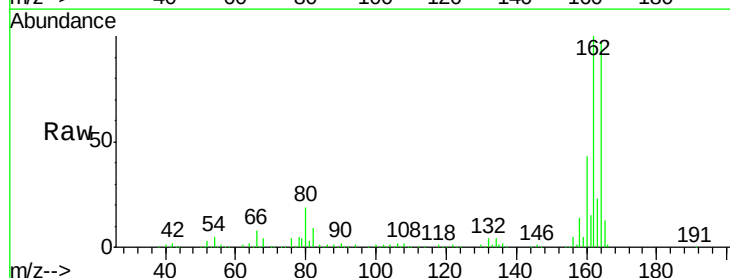
Tgt Ion: 164 Resp: 221292

Ion Ratio Lower Upper

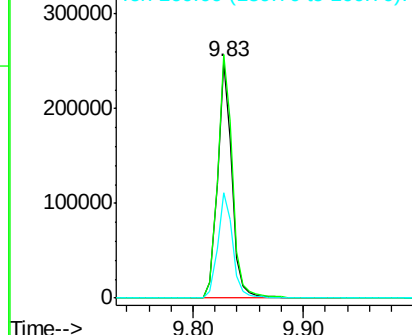
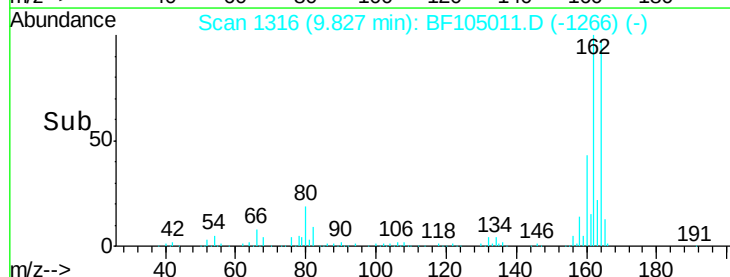
164 100

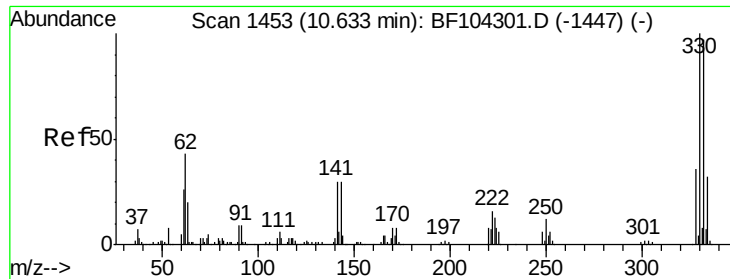
162 102.9 86.1 129.1

160 44.7 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

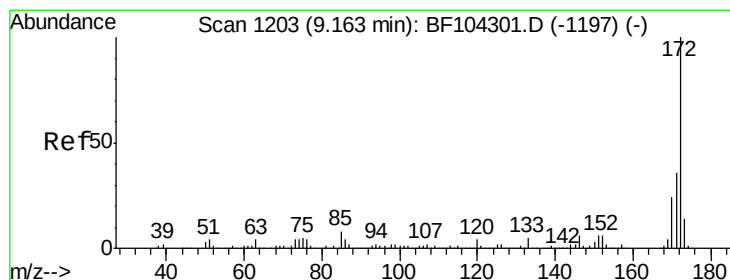
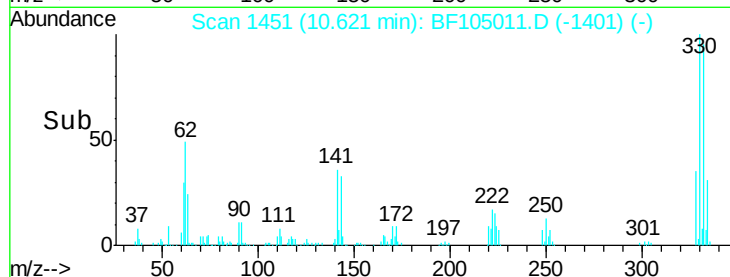
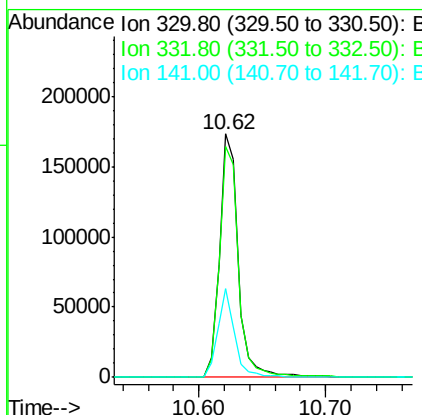
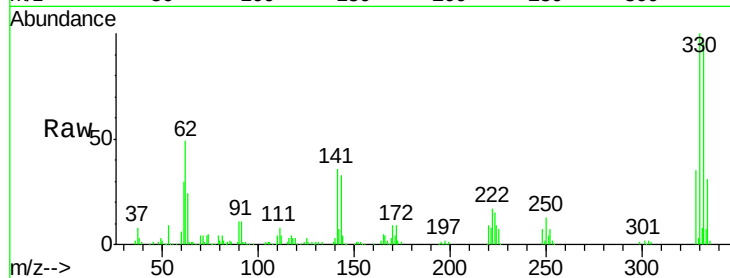




#41
 2,4,6-Tribromophenol
 Concen: 78.375 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105011.D
 Acq: 2 May 2018 5:06

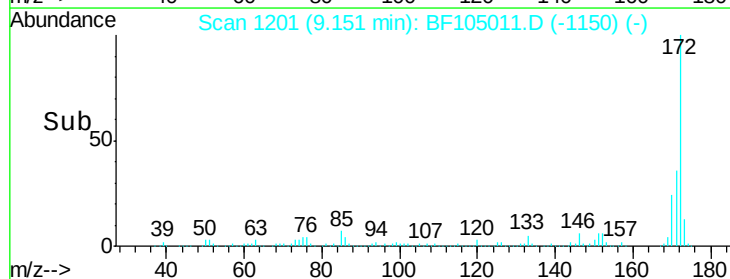
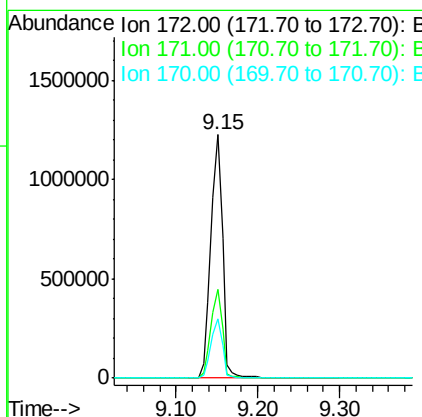
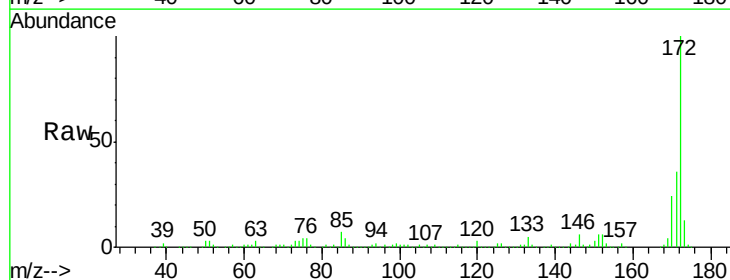
Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-U-B

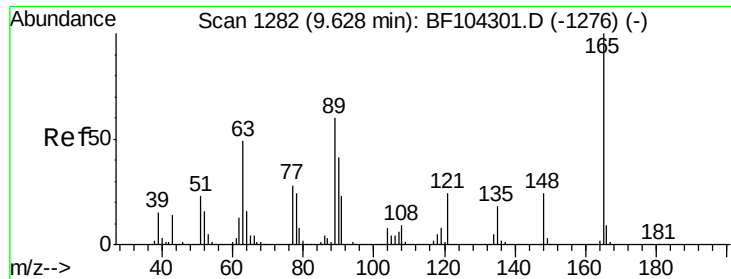
Tgt Ion:330 Resp: 179911
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 33.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 87.586 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF105011.D
 Acq: 2 May 2018 5:06

Tgt Ion:172 Resp: 1226904
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 24.3 19.6 29.4

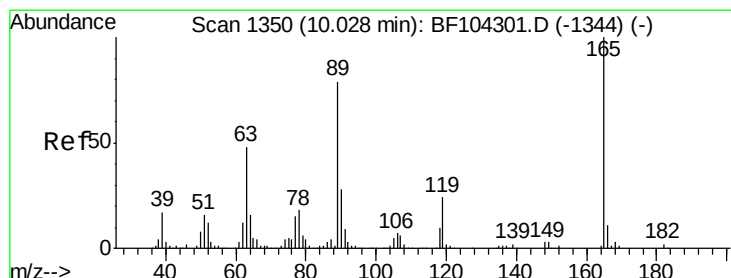
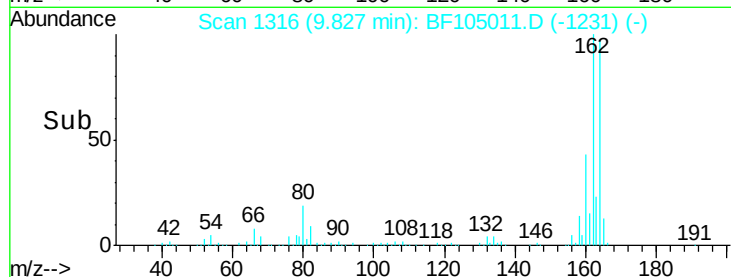
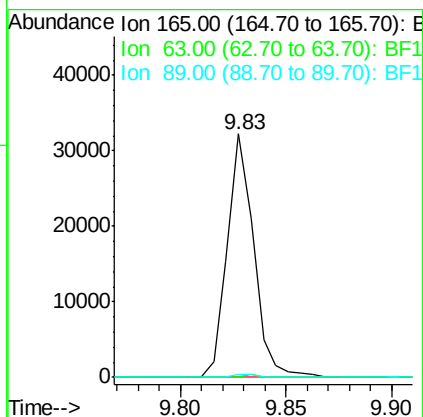
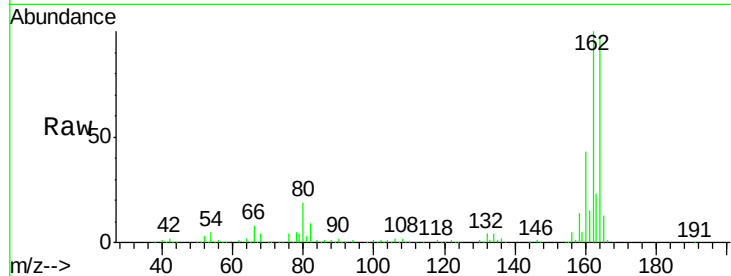




#50
 2,6-Dinitrotoluene
 Concen: 8.650 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.20 min
 Lab File: BF105011.D
 Acq: 2 May 2018 5:06

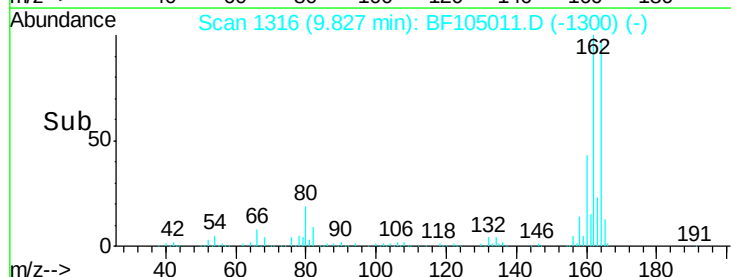
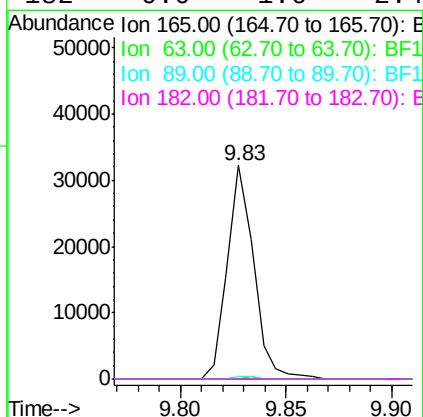
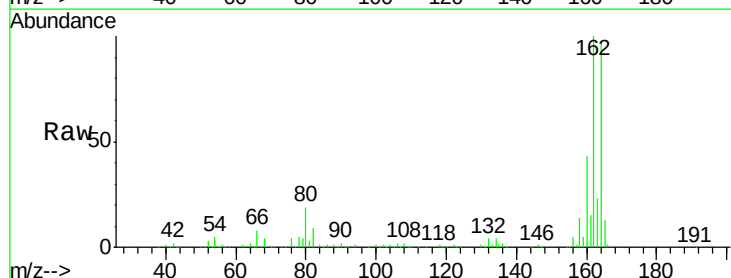
Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-U-B

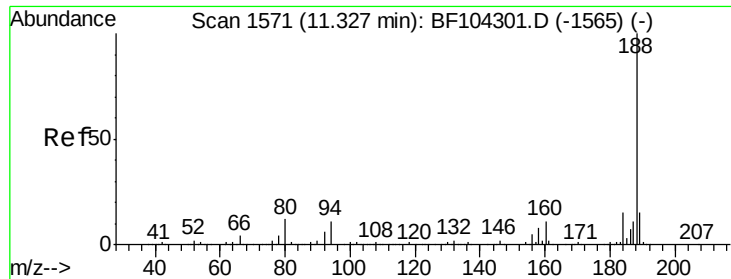
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.594 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105011.D
 Acq: 2 May 2018 5:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

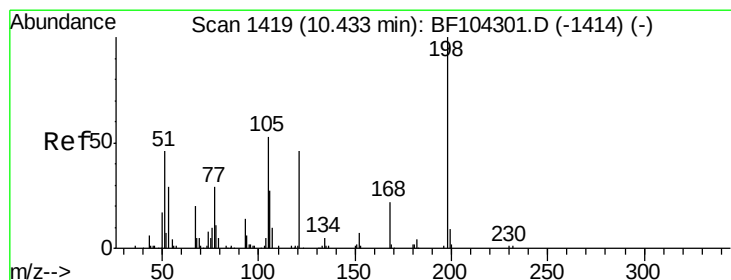
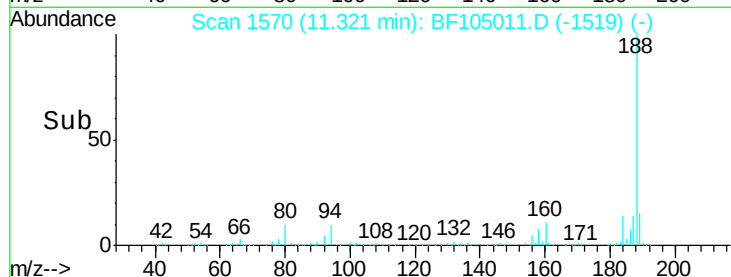
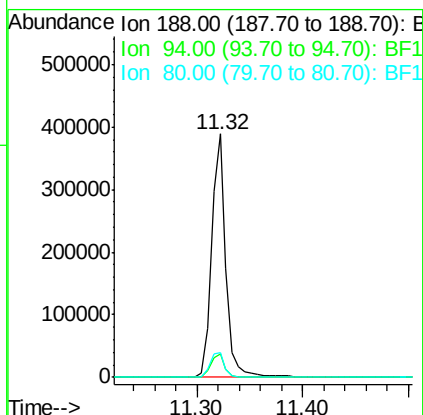
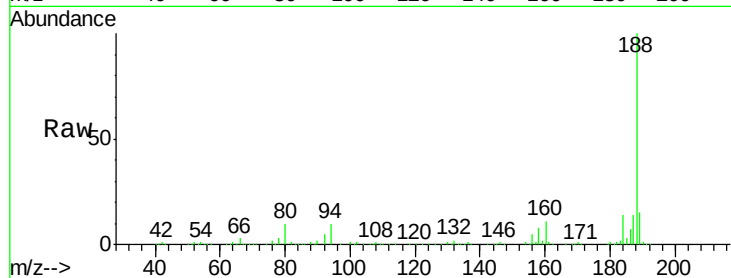




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105011.D
Acq: 2 May 2018 5:06

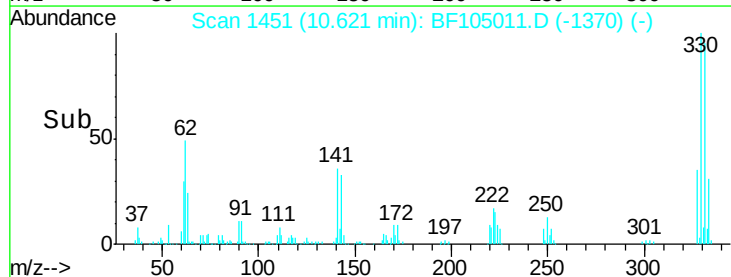
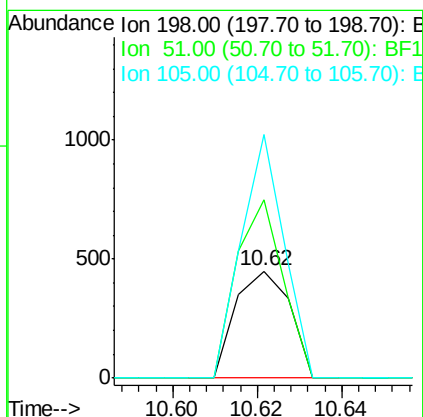
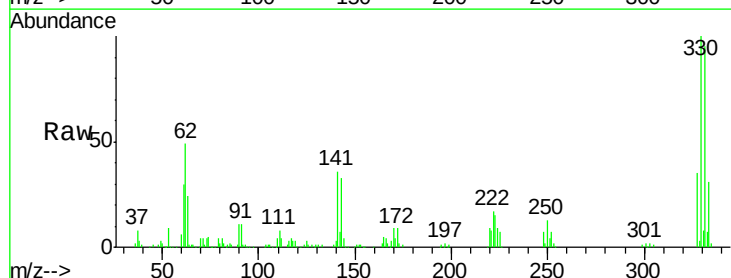
Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-U-B

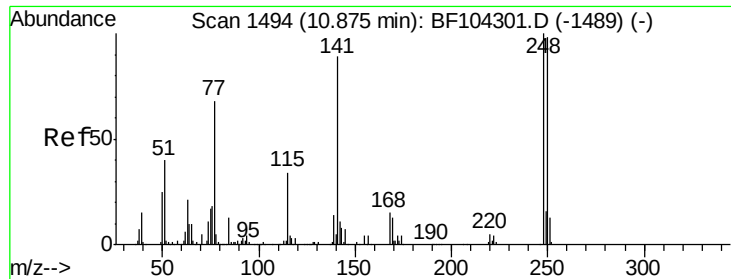
Tgt Ion:188 Resp: 366352
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 9.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.537 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.18 min
Lab File: BF105011.D
Acq: 2 May 2018 5:06

Tgt Ion:198 Resp: 400
Ion Ratio Lower Upper
198 100
51 166.9 37.7 77.7#
105 227.3 36.3 76.3#

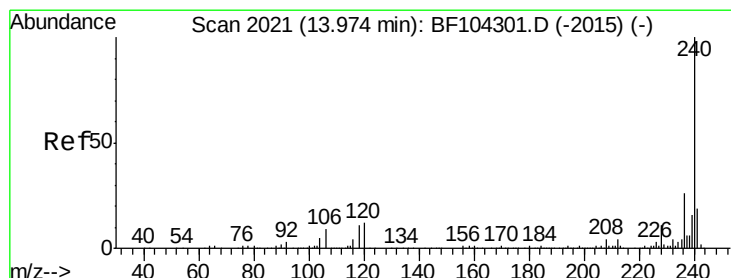
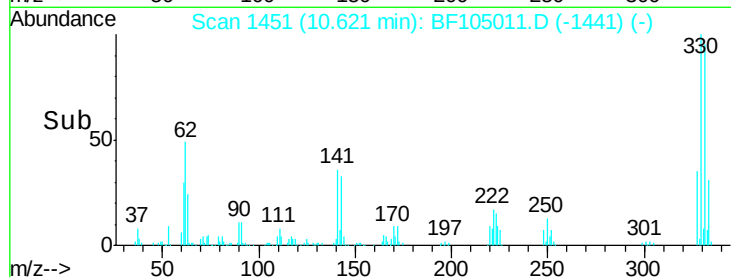
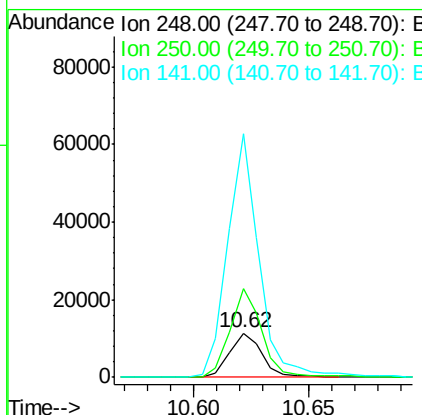
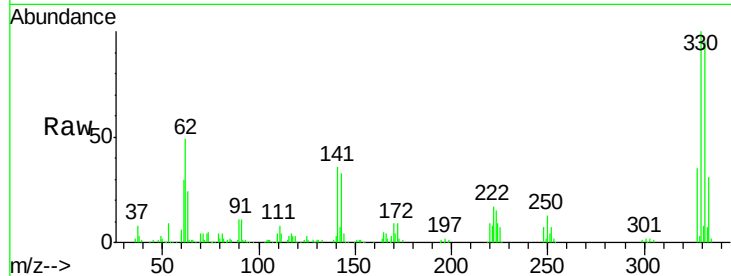




#66
 4-Bromophenyl-phenylether
 Concen: 2.842 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF105011.D
 Acq: 2 May 2018 5:06

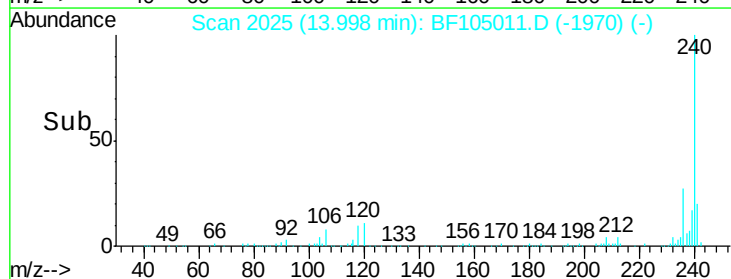
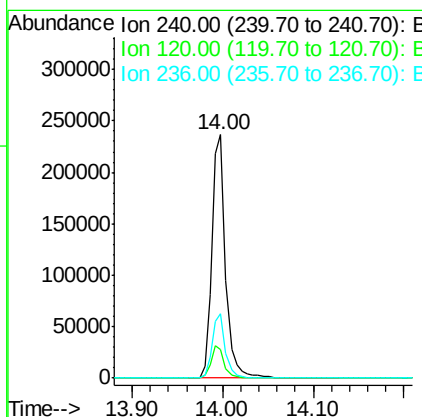
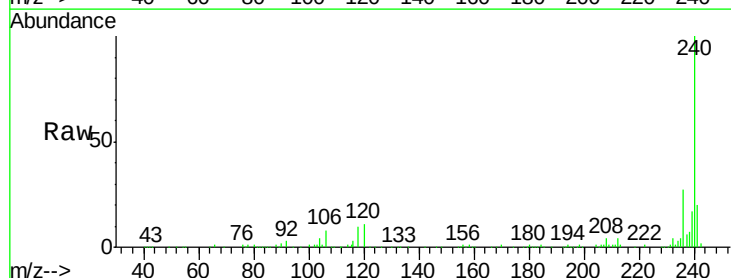
Instrument :
 BNA_F
 ClientSampleId :
 042718-SIDI-E-U-B

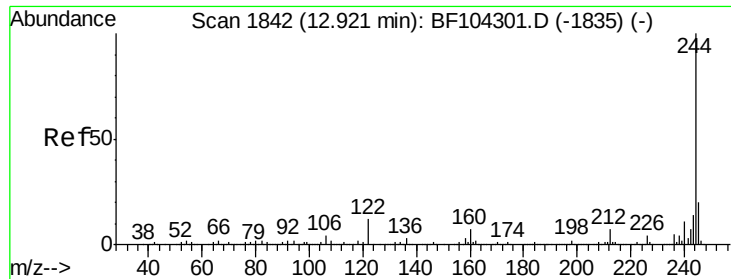
Tgt Ion:248 Resp: 11073
 Ion Ratio Lower Upper
 248 100
 250 200.3 76.9 115.3#
 141 550.3 74.4 111.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.02 min
 Lab File: BF105011.D
 Acq: 2 May 2018 5:06

Tgt Ion:240 Resp: 249808
 Ion Ratio Lower Upper
 240 100
 120 11.5 9.5 14.3
 236 26.6 20.7 31.1

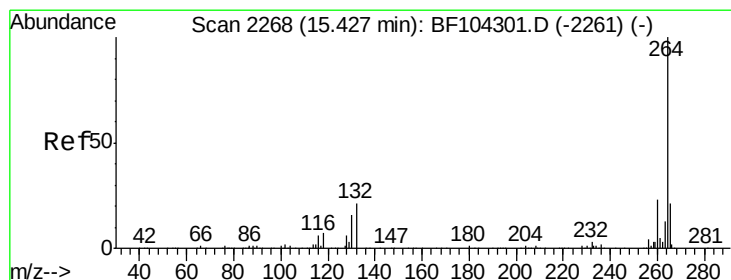
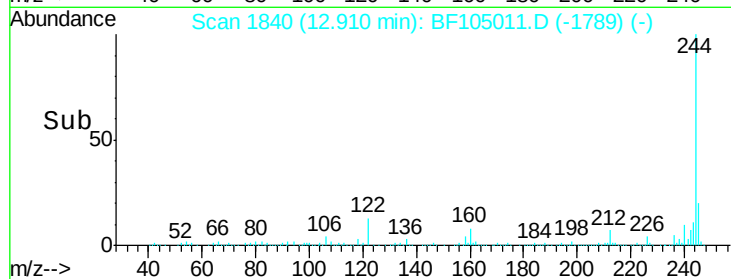
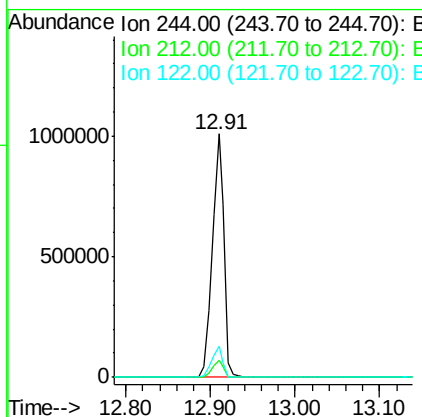
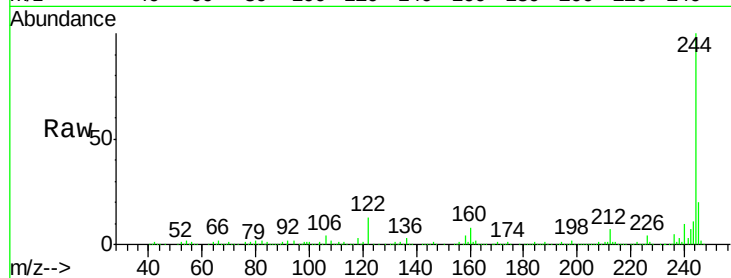




#78
 Terphenyl-d14
 Concen: 90.949 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF105011.D
 Acq: 2 May 2018 5:06

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

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.7	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.09 min
 Lab File: BF105011.D
 Acq: 2 May 2018 5:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.3	17.5	26.3

