

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105012.D
 Acq On : 2 May 2018 5:33
 Operator : JU/SJ
 Sample : J2645-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

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

Quant Time: May 02 07:01:14 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

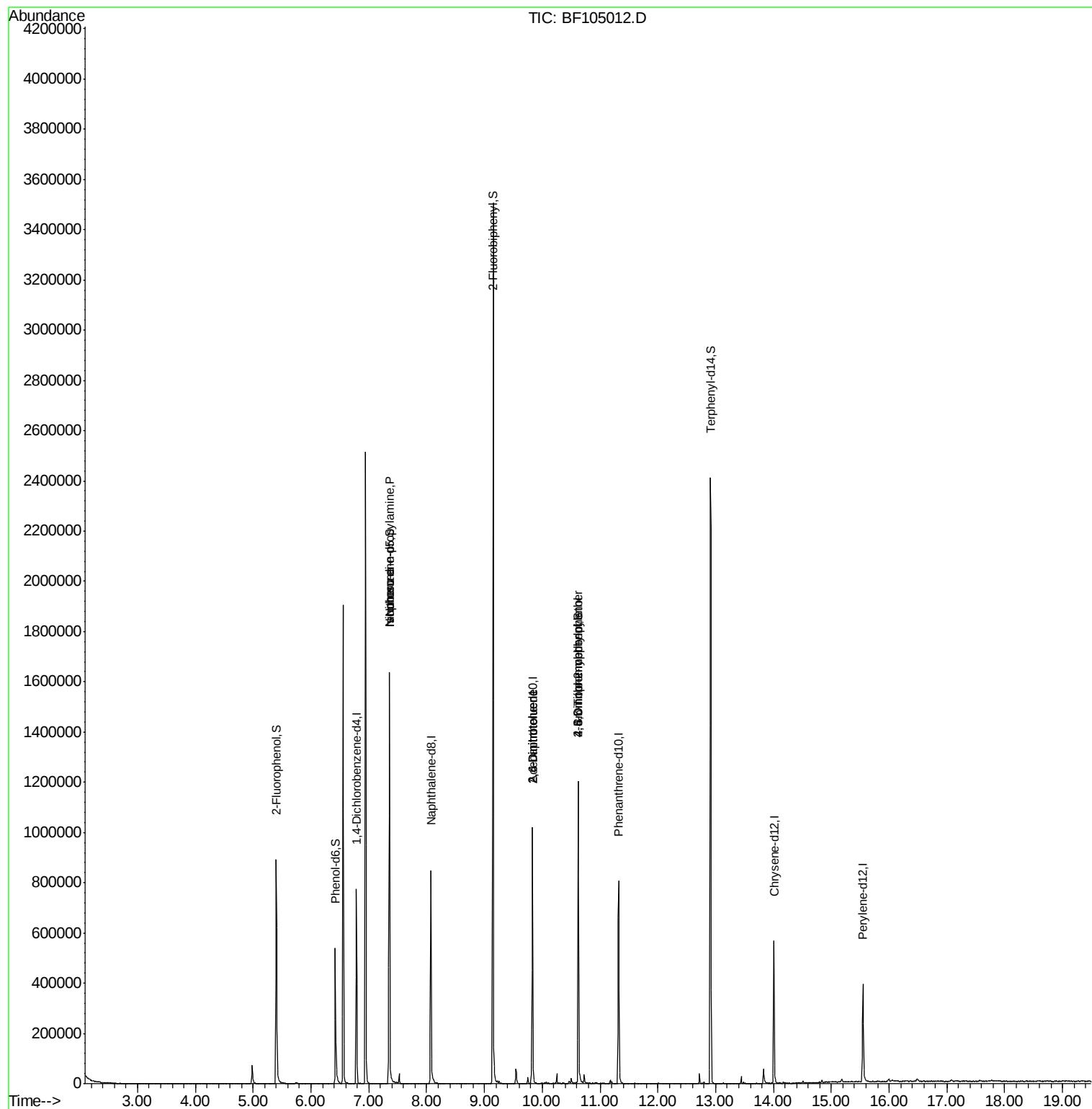
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	107721	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	458399	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	204077	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	332847	20.00	ng	0.00
75) Chrysene-d12	14.01	240	229816	20.00	ng	0.04
86) Perylene-d12	15.55	264	203797	20.00	ng	0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	285658	40.55	ng	0.00
7) Phenol-d6	6.42	99	215540	24.90	ng	-0.01
23) Nitrobenzene-d5	7.36	82	649299	92.49	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	164293	77.61	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1143942	88.55	ng	0.00
78) Terphenyl-d14	12.91	244	907465	90.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	83003	14.674	ng	# 71
25) Isophorone	7.36	82	649294	43.738	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	25966	8.720	ng	# 25
56) 2,4-Dinitrotoluene	9.83	165	25966	6.648	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	132	7.416	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	10337	2.920	ng	# 1
76) Benizidine	12.91	184	11697	Below Cal		# 96

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

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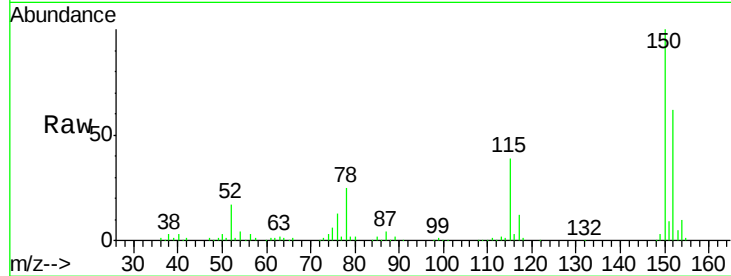


#1

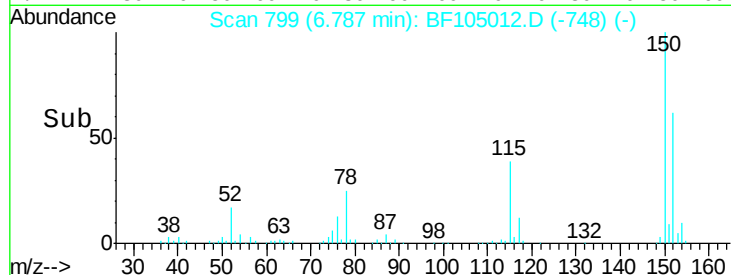
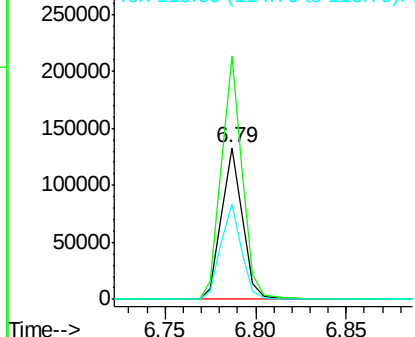
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF105012.D
 Acq: 2 May 2018 5:33

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

Tgt Ion:152 Resp: 107721
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.6 186.8
 115 63.0 50.1 75.1



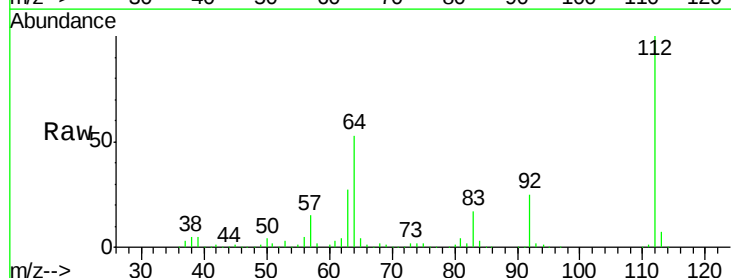
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



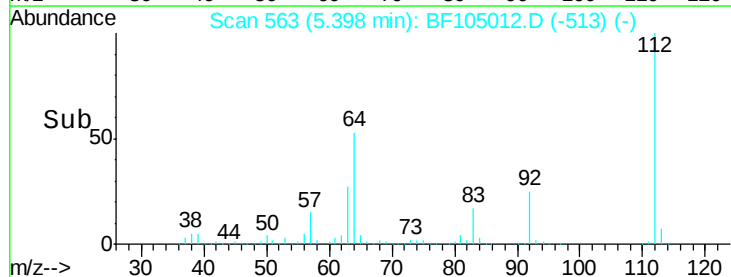
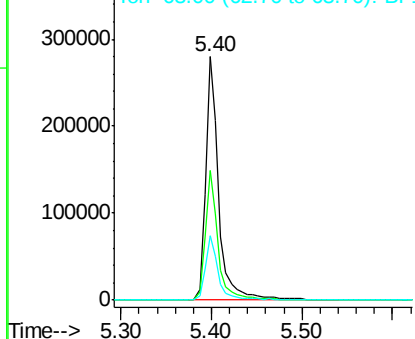
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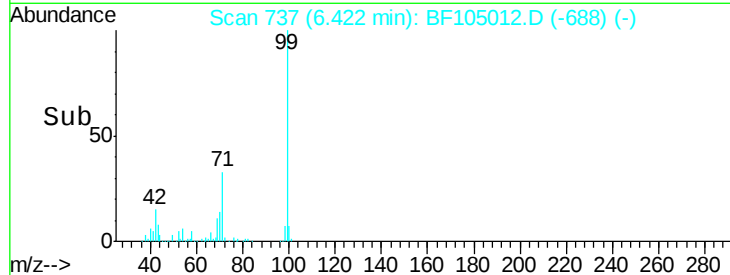
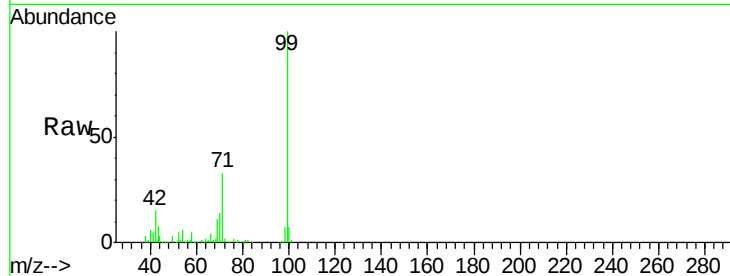
2-Fluorophenol
 Concen: 40.548 ng
 RT: 5.40 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: BF105012.D
 Acq: 2 May 2018 5:33

Tgt Ion:112 Resp: 285658
 Ion Ratio Lower Upper
 112 100
 64 53.3 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: 24.901 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105012.D

Acq: 2 May 2018 5:33

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-U-M

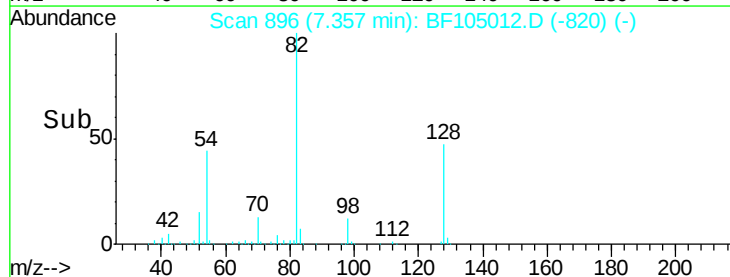
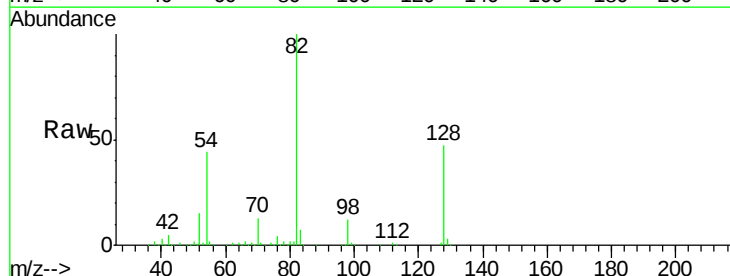
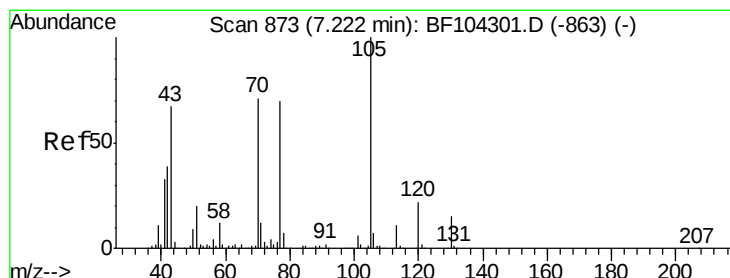
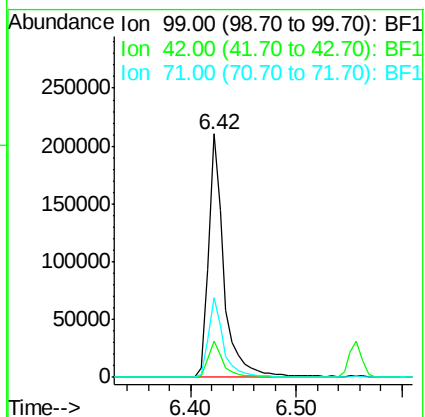
Tgt Ion: 99 Resp: 215540

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

71 33.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.674 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF105012.D

Acq: 2 May 2018 5:33

Tgt Ion: 70 Resp: 83003

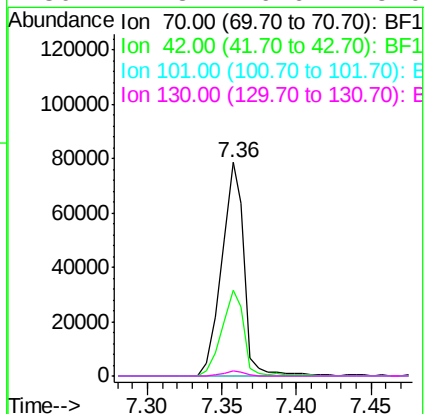
Ion Ratio Lower Upper

70 100

42 40.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

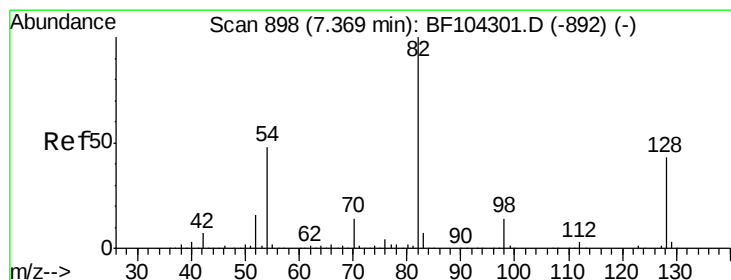
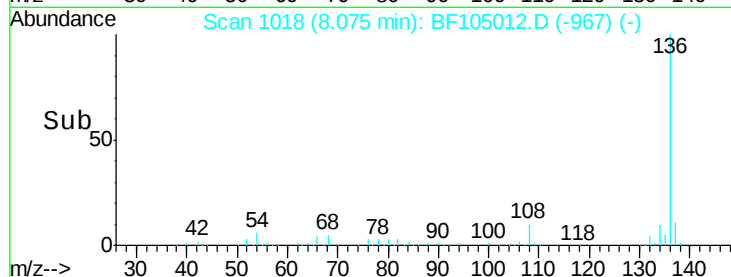
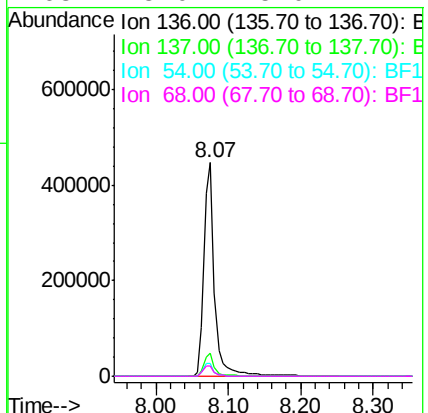
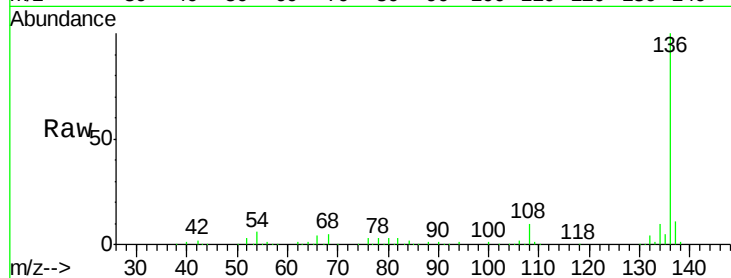




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF105012.D
Acq: 2 May 2018 5:33

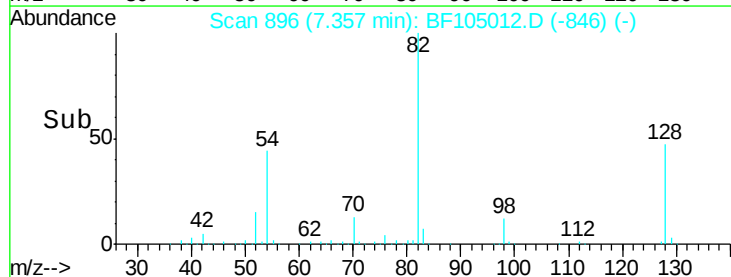
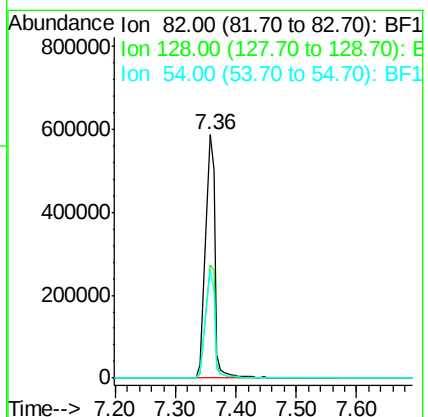
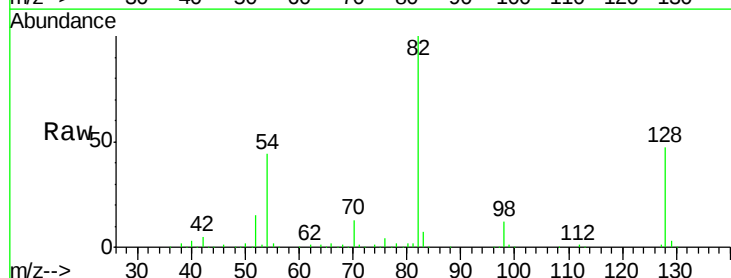
Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-U-M

Tgt Ion:	136	Resp:	458399
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	5.8	6.6	9.8#
68	5.0	5.0	7.4#



#23
Nitrobenzene-d5
Concen: 92.491 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105012.D
Acq: 2 May 2018 5:33

Tgt Ion:	82	Resp:	649299
Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	44.3	41.4	62.2

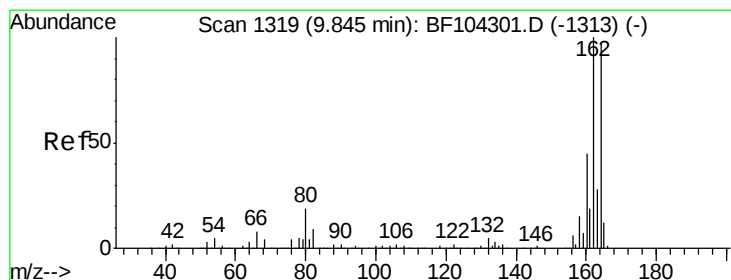
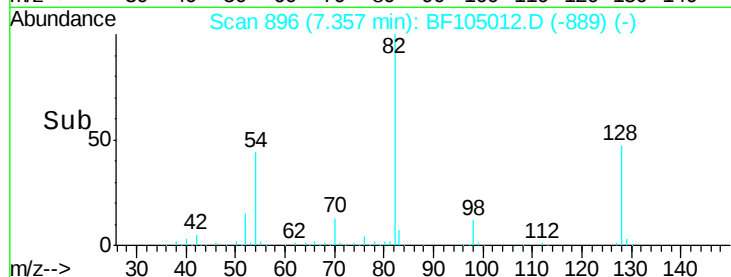
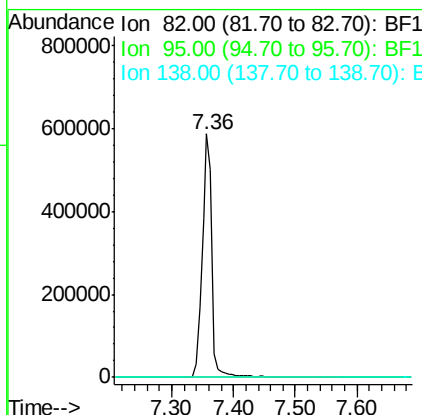
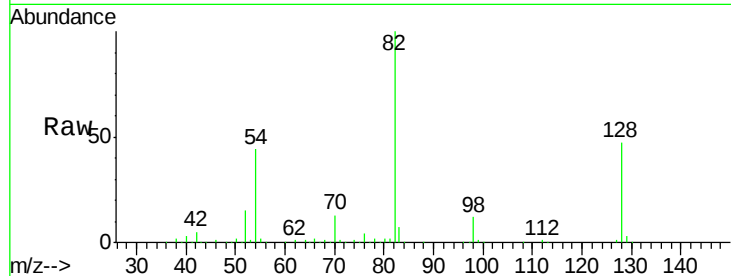




#25
Isophorone
Concen: 43.738 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.26 min
Lab File: BF105012.D
Acq: 2 May 2018 5:33

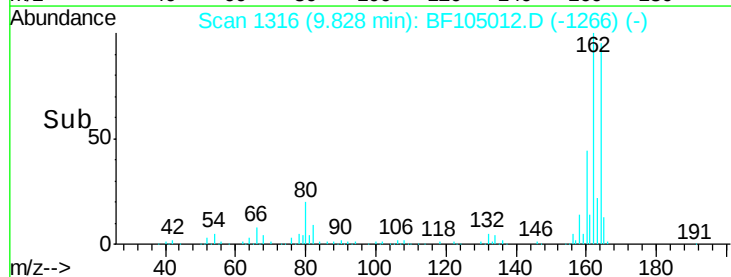
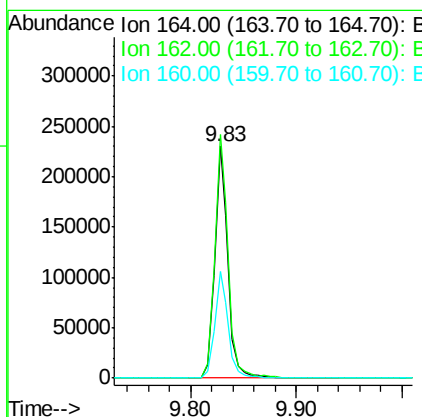
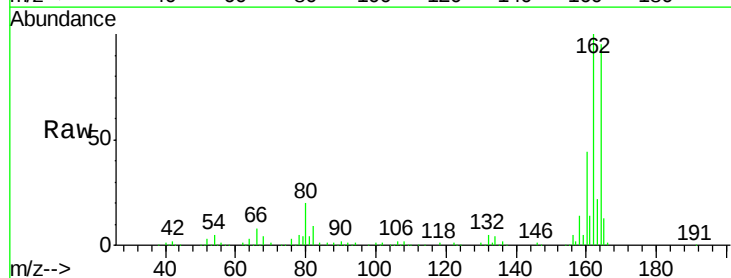
Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-U-M

Tgt Ion: 82 Resp: 649294
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: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105012.D
Acq: 2 May 2018 5:33

Tgt Ion: 164 Resp: 204077
Ion Ratio Lower Upper
164 100
162 105.2 86.1 129.1
160 45.9 38.3 57.5

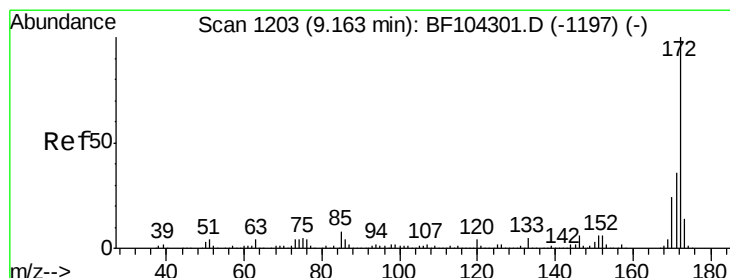
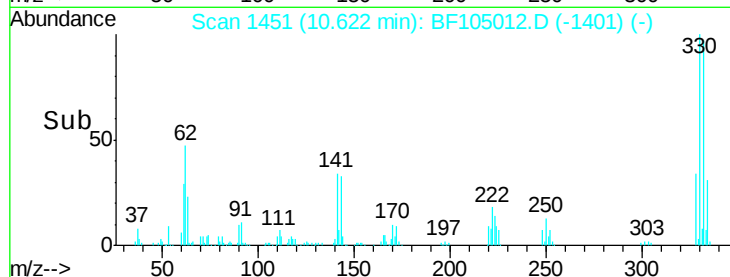
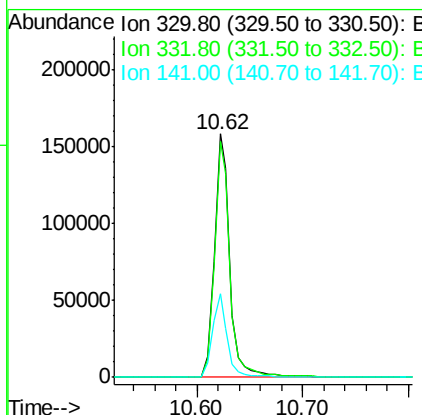
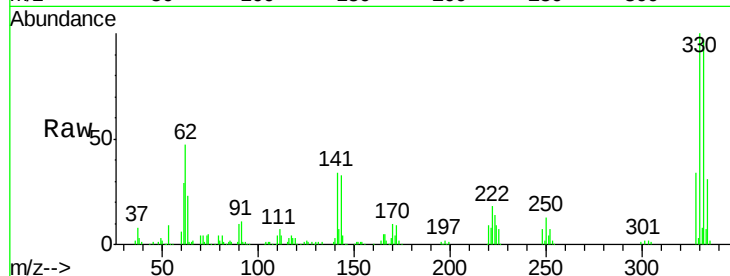




#41
 2,4,6-Tribromophenol
 Concen: 77.608 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105012.D
 Acq: 2 May 2018 5:33

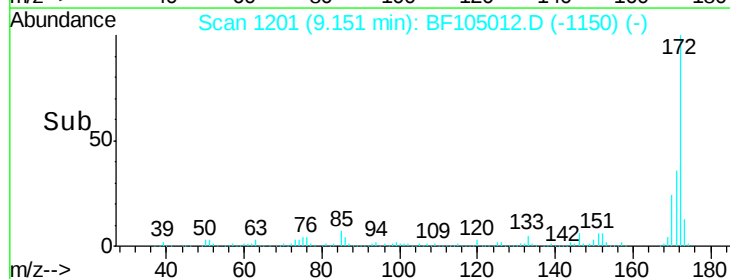
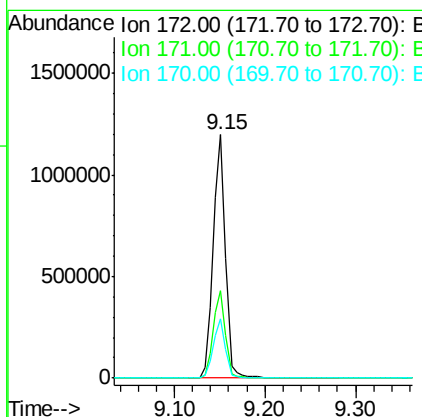
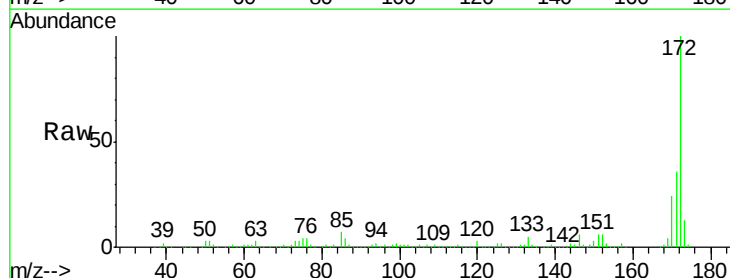
Instrument :
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 ClientSampleId :
 042718-SIDI-E-U-M

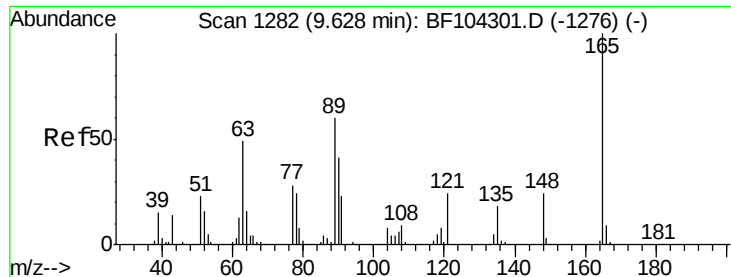
Tgt Ion:330 Resp: 164293
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.0 115.6
 141 33.1 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 88.552 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF105012.D
 Acq: 2 May 2018 5:33

Tgt Ion:172 Resp: 1143942
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.2 19.6 29.4

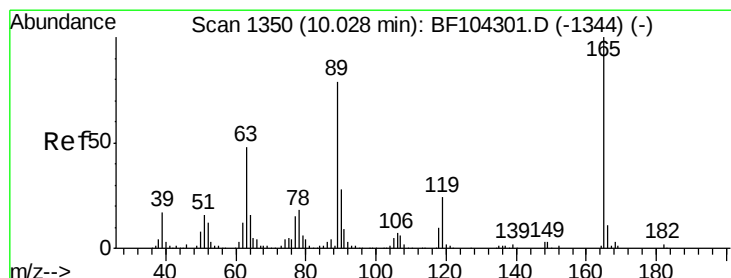
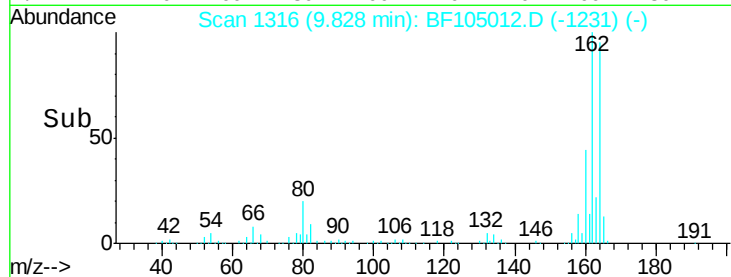
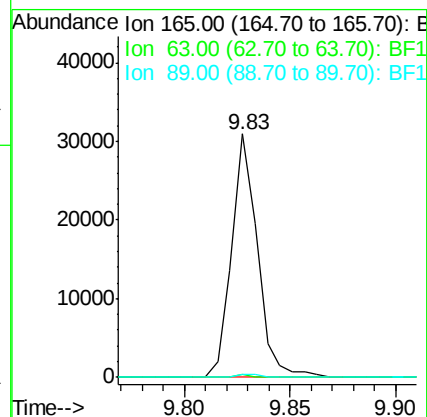
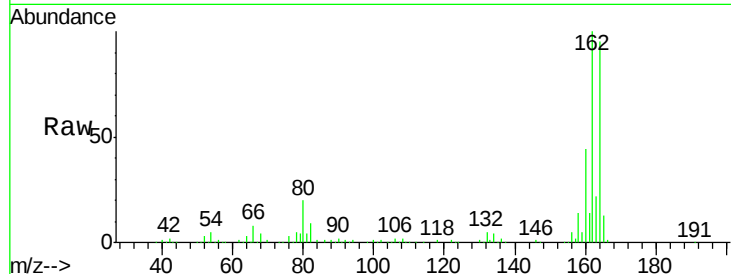




#50
 2,6-Dinitrotoluene
 Concen: 8.720 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.20 min
 Lab File: BF105012.D
 Acq: 2 May 2018 5:33

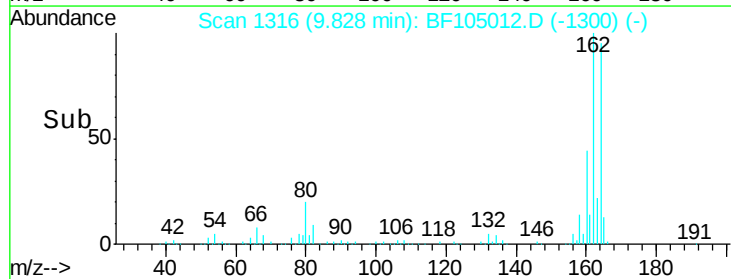
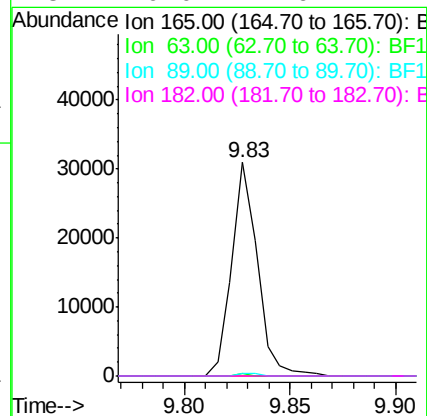
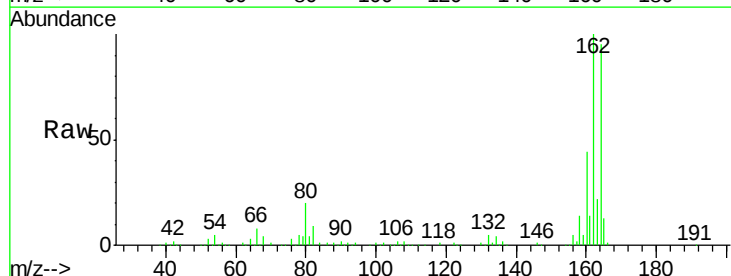
Instrument :
 BNA_F
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	44.7	67.1#
89	1.3	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.648 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105012.D
 Acq: 2 May 2018 5:33

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

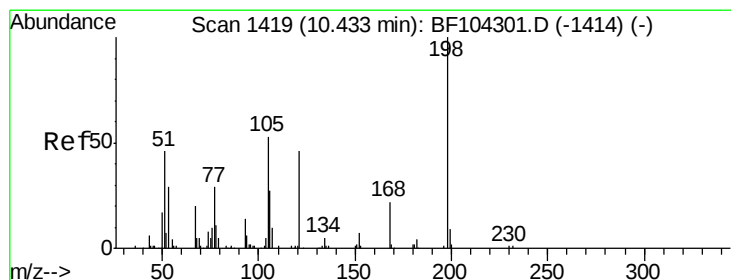
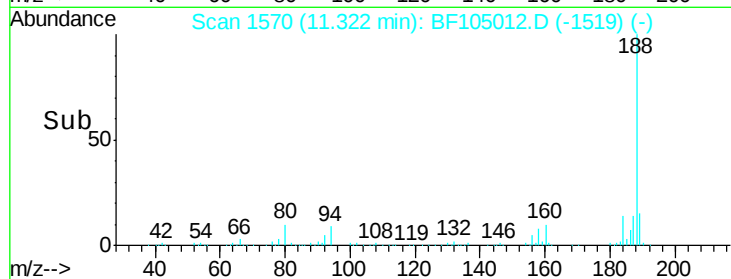
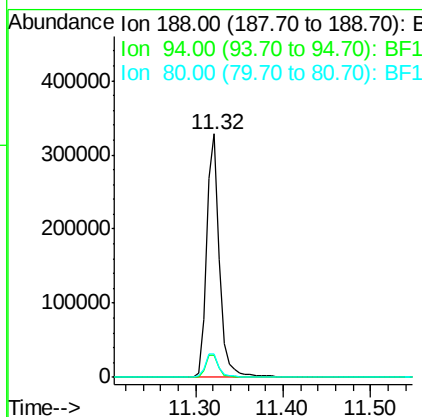
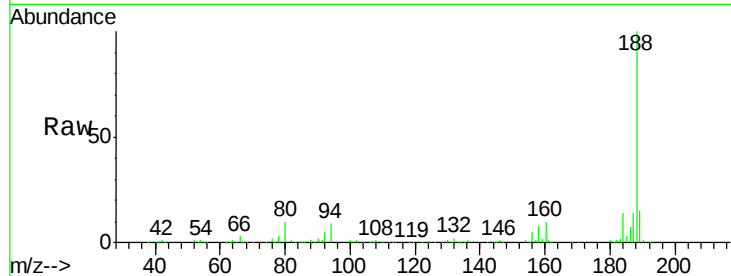




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105012.D
Acq: 2 May 2018 5:33

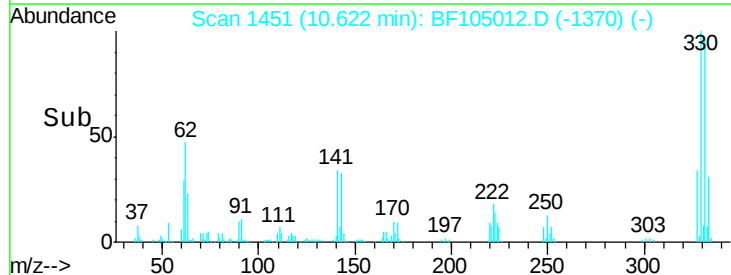
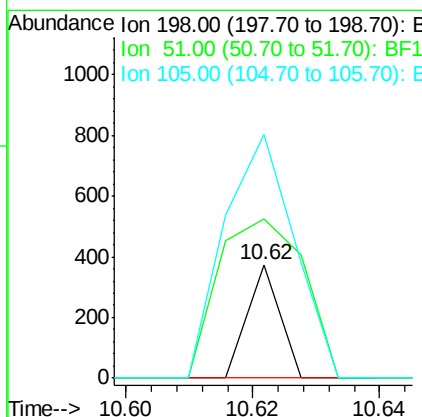
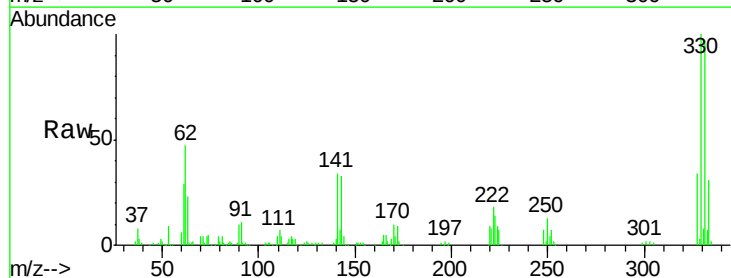
Instrument :
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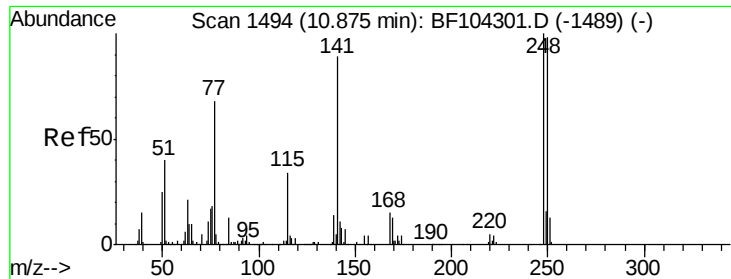
Tgt Ion:188 Resp: 332847
Ion Ratio Lower Upper
188 100
94 9.0 8.5 12.7
80 9.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.416 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.18 min
Lab File: BF105012.D
Acq: 2 May 2018 5:33

Tgt Ion:198 Resp: 132
Ion Ratio Lower Upper
198 100
51 140.2 37.7 77.7#
105 215.3 36.3 76.3#

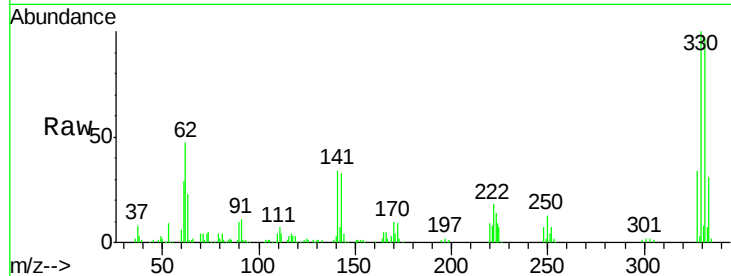




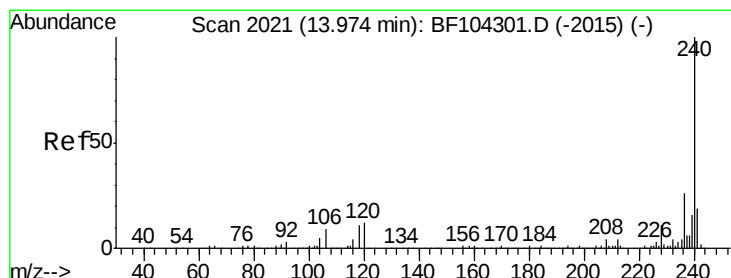
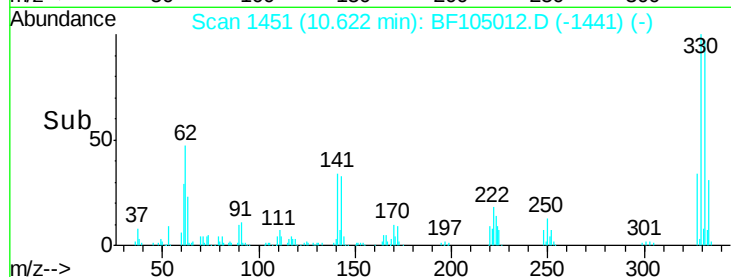
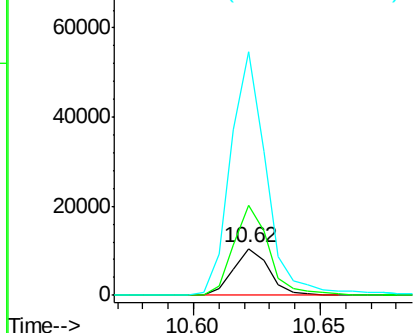
#66
 4-Bromophenyl-phenylether
 Concen: 2.920 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF105012.D
 Acq: 2 May 2018 5:33

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

Tgt Ion:248 Resp: 10337
 Ion Ratio Lower Upper
 248 100
 250 192.0 76.9 115.3#
 141 519.4 74.4 111.6#

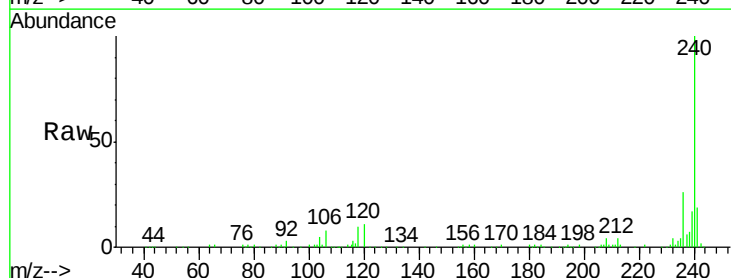


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

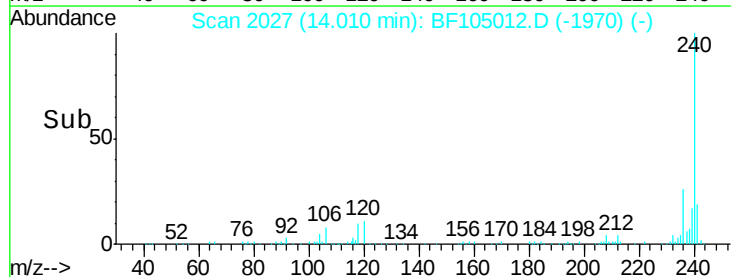
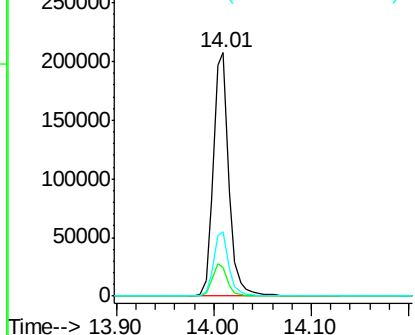


#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.04 min
 Lab File: BF105012.D
 Acq: 2 May 2018 5:33

Tgt Ion:240 Resp: 229816
 Ion Ratio Lower Upper
 240 100
 120 11.5 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

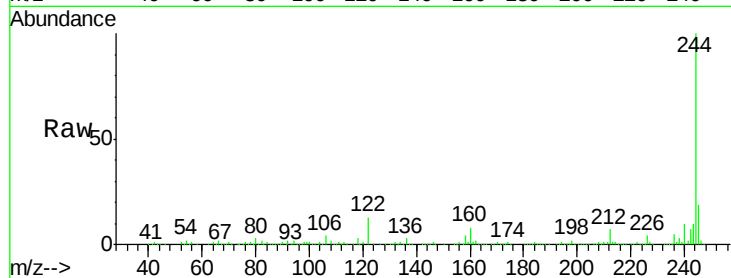




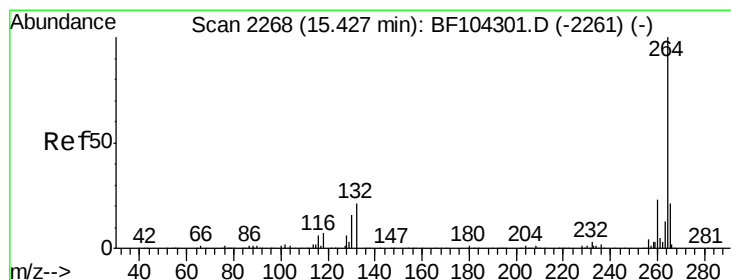
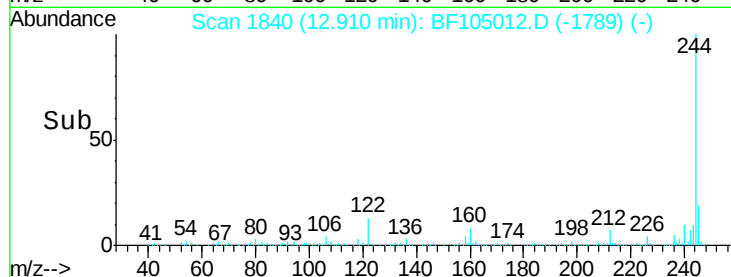
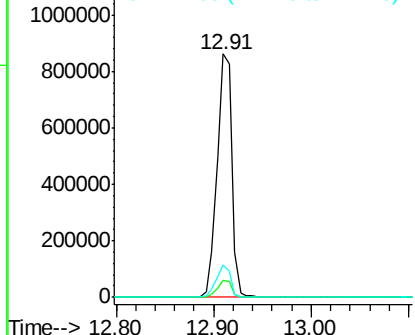
#78
 Terphenyl-d14
 Concen: 90.023 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF105012.D
 Acq: 2 May 2018 5:33

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

Tgt Ion:244 Resp: 907465
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 13.2 11.0 16.4

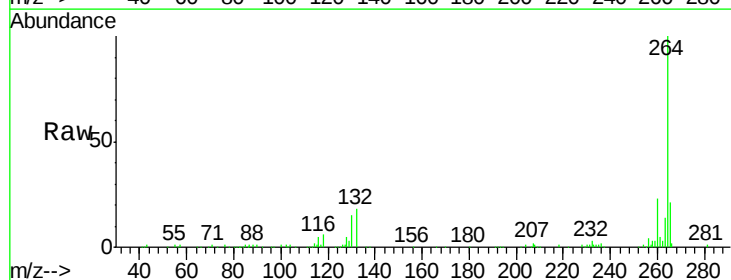


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.55 min Scan# 2289
 Delta R.T. 0.12 min
 Lab File: BF105012.D
 Acq: 2 May 2018 5:33

Tgt Ion:264 Resp: 203797
 Ion Ratio Lower Upper
 264 100
 260 22.7 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

