

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105008.D
 Acq On : 2 May 2018 3:46
 Operator : JU/SJ
 Sample : J2645-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: May 02 06:59:59 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

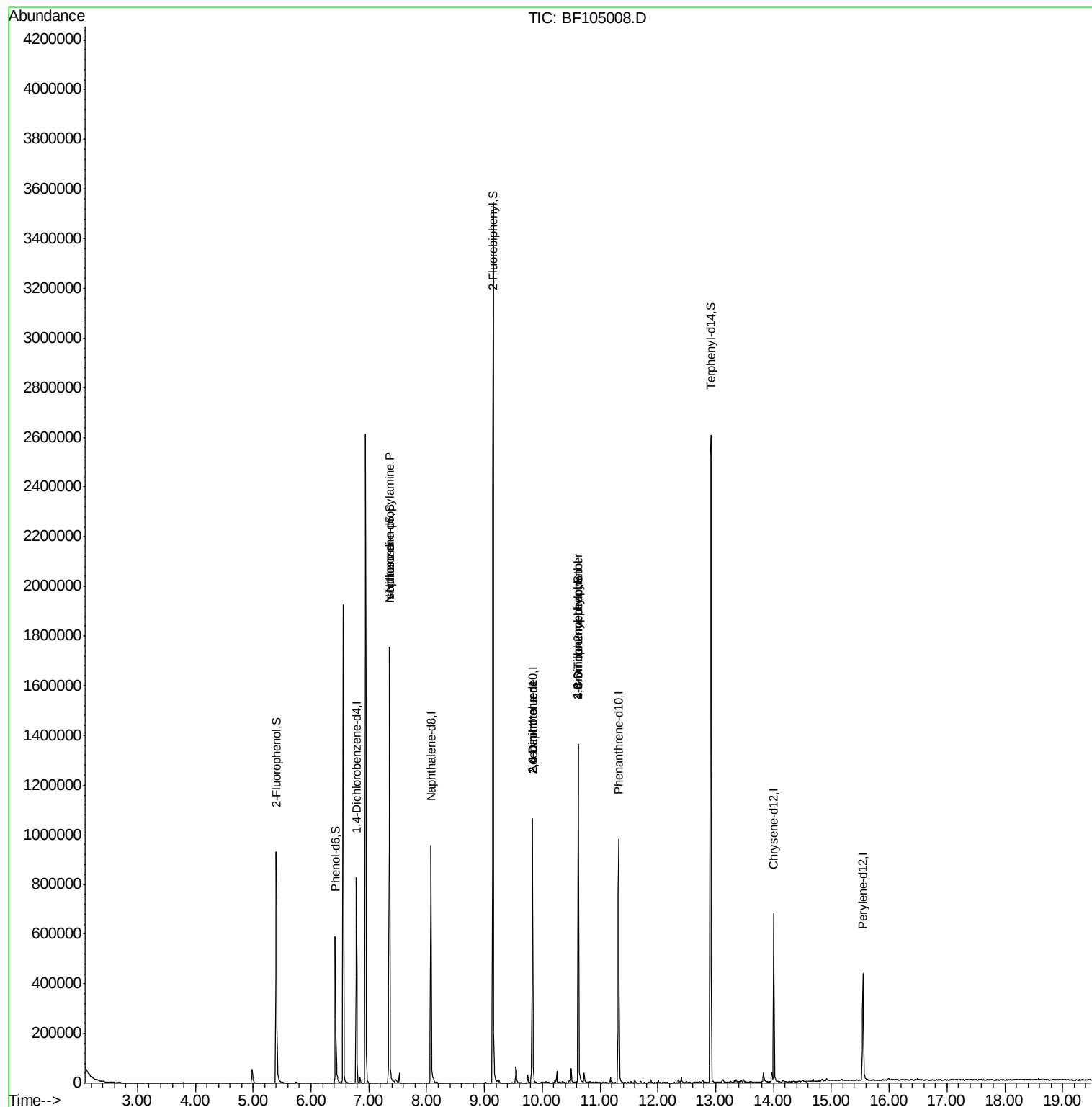
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	115787	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	493139	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	225804	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	375919	20.00	ng	0.00
75) Chrysene-d12	14.00	240	249184	20.00	ng	0.03
86) Perylene-d12	15.54	264	224758	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	302374	39.93	ng	0.00
7) Phenol-d6	6.42	99	233616	25.11	ng	-0.01
23) Nitrobenzene-d5	7.36	82	670522	88.79	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	182158	77.77	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1198203	83.83	ng	0.00
78) Terphenyl-d14	12.92	244	995680	91.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	86919	14.296	ng	# 70
25) Isophorone	7.36	82	670518	41.986	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	28745	8.724	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	28745	6.651	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	284	7.478	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	11012	2.754	ng	# 1
76) Benzidine	12.91	184	12754	Below Cal		# 92

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

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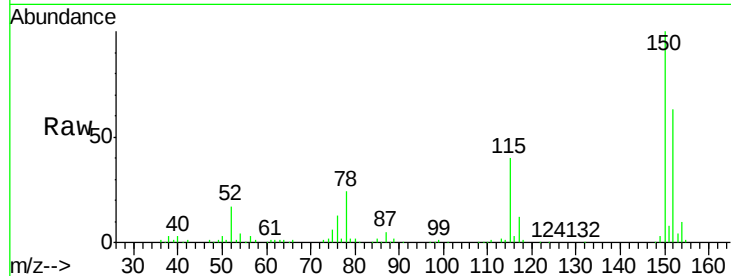


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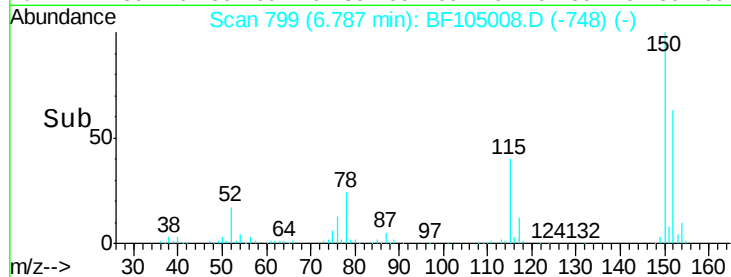
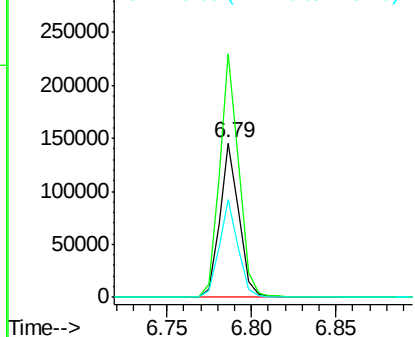
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF105008.D
Acq: 2 May 2018 3:46

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

Tgt Ion:152 Resp: 115787
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 62.9 50.1 75.1



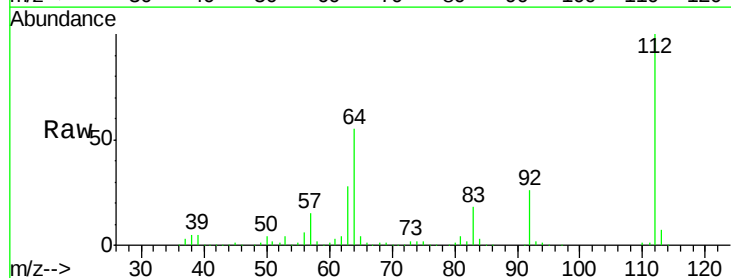
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



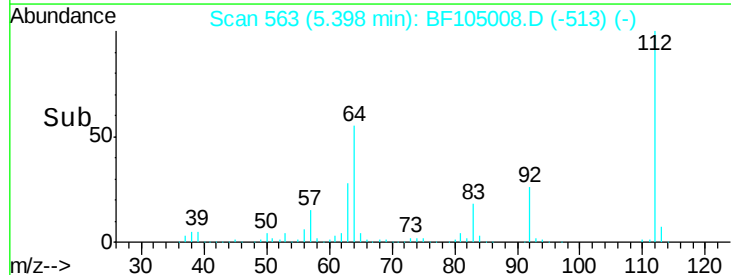
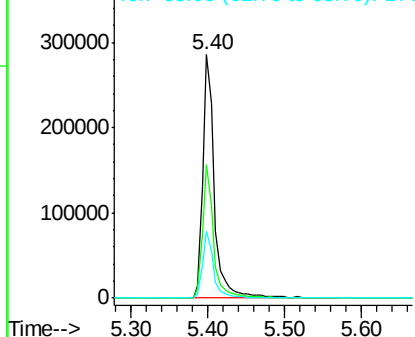
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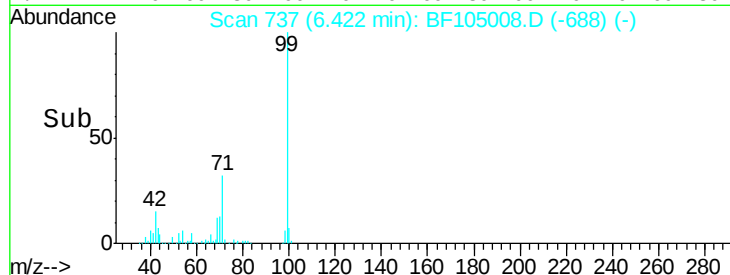
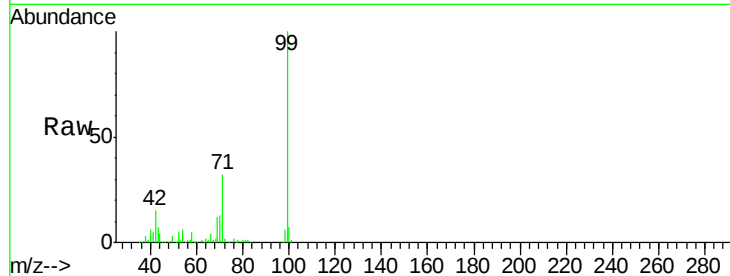
2-Fluorophenol
Concen: 39.931 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105008.D
Acq: 2 May 2018 3:46

Tgt Ion:112 Resp: 302374
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 27.7 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: 25.109 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105008.D

Acq: 2 May 2018 3:46

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-D-B

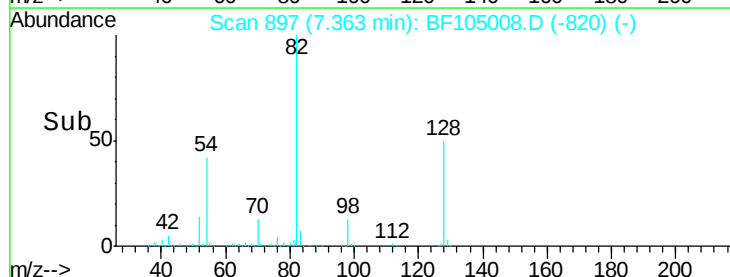
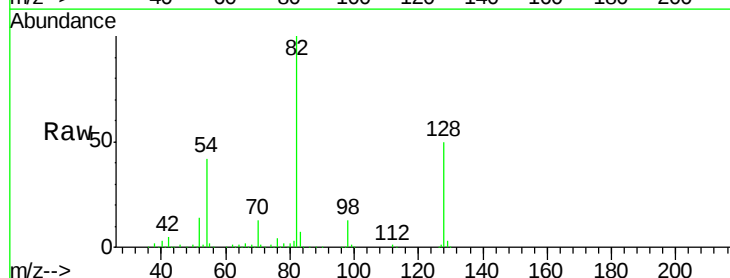
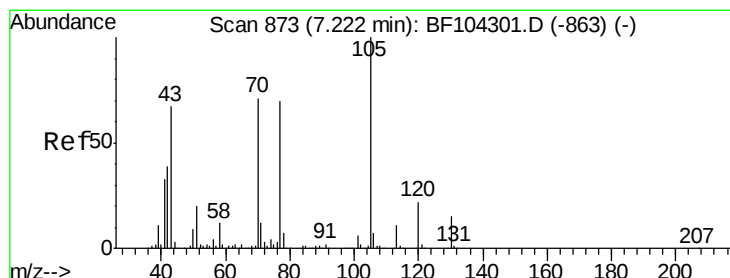
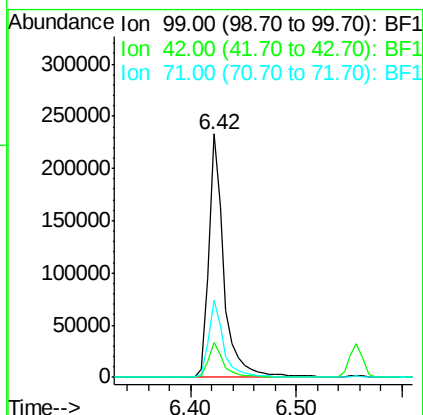
Tgt Ion: 99 Resp: 233616

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

71 31.9 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.296 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF105008.D

Acq: 2 May 2018 3:46

Tgt Ion: 70 Resp: 86919

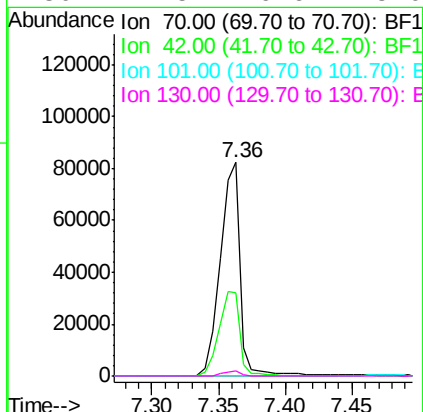
Ion Ratio Lower Upper

70 100

42 39.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

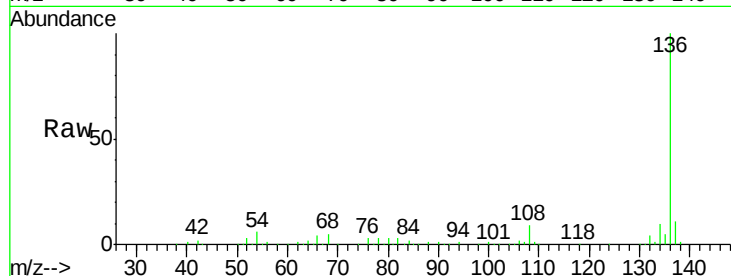




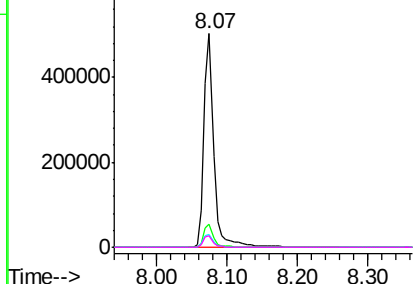
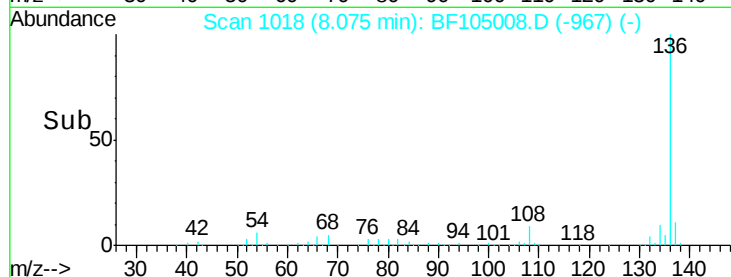
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105008.D
Acq: 2 May 2018 3:46

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

Tgt Ion:	136	Resp:	493139
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	5.8	6.6	9.8#
68	5.3	5.0	7.4

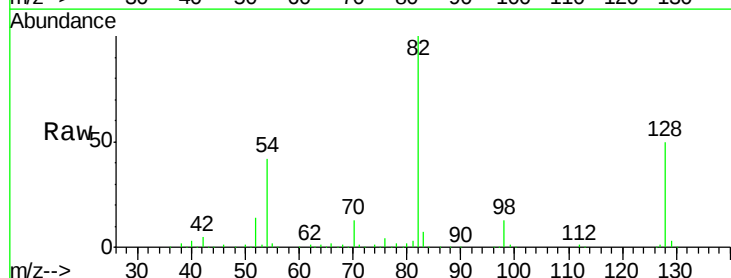


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

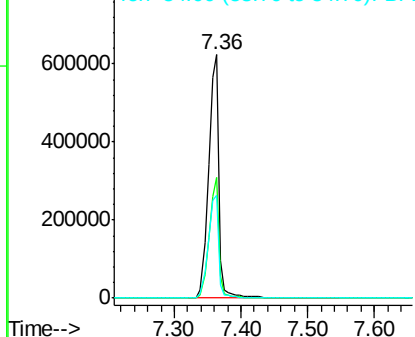
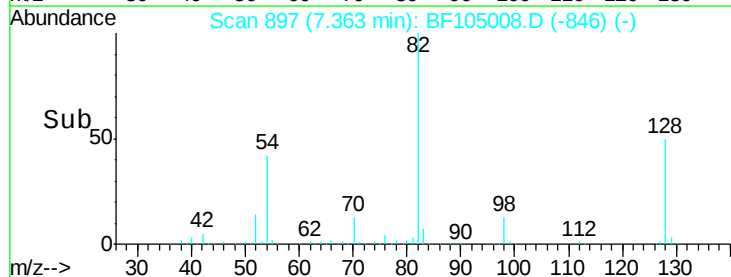


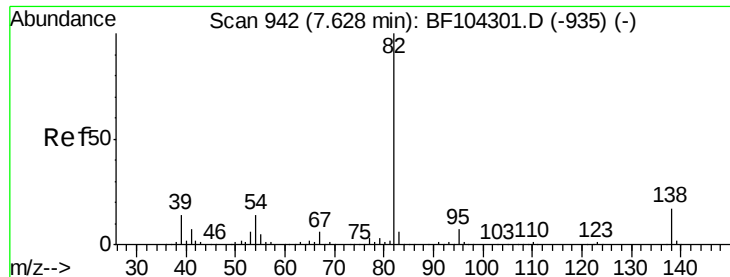
#23
Nitrobenzene-d5
Concen: 88.786 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF105008.D
Acq: 2 May 2018 3:46

Tgt Ion:	82	Resp:	670522
Ion Ratio	Lower	Upper	
82	100		
128	49.6	36.1	54.1
54	42.4	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: 41.986 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.25 min

Lab File: BF105008.D

Acq: 2 May 2018 3:46

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-D-B

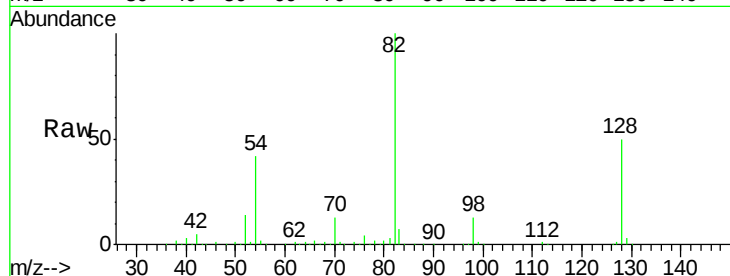
Tgt Ion: 82 Resp: 670518

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

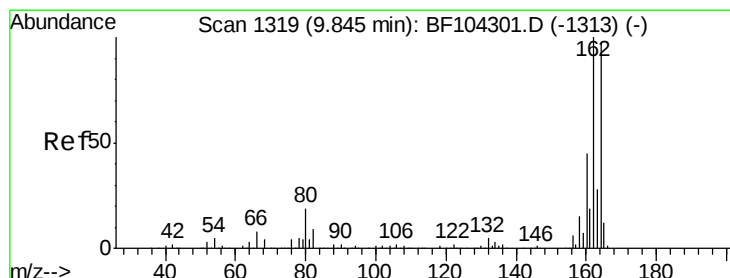
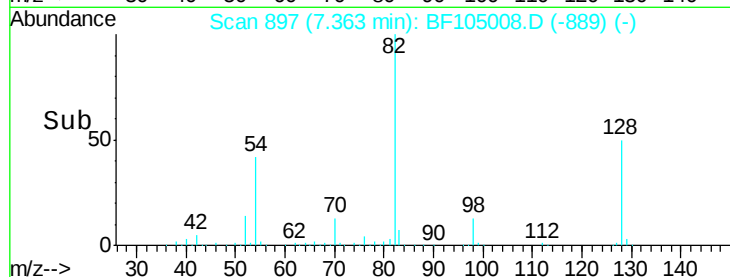
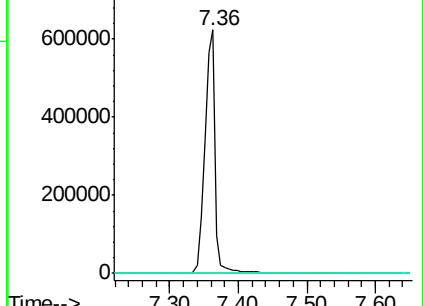
138 0.0 14.9 22.3#



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: BF105008.D

Acq: 2 May 2018 3:46

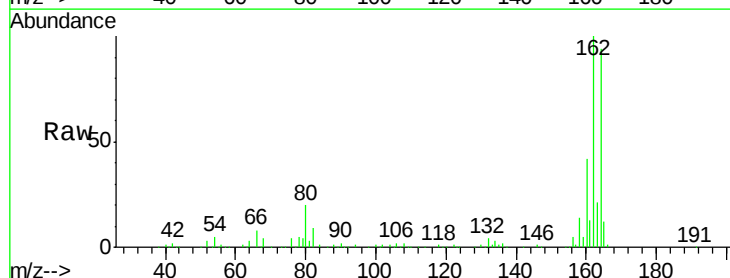
Tgt Ion: 164 Resp: 225804

Ion Ratio Lower Upper

164 100

162 106.5 86.1 129.1

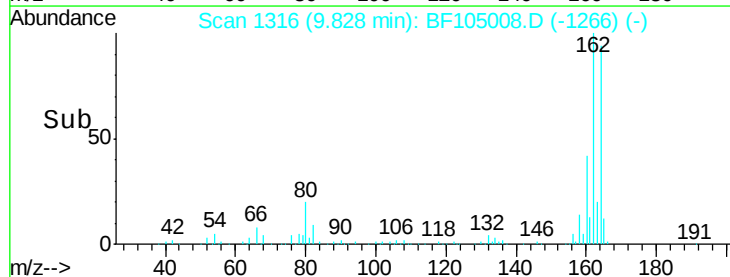
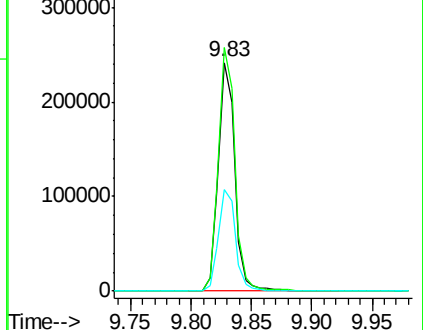
160 44.6 38.3 57.5



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

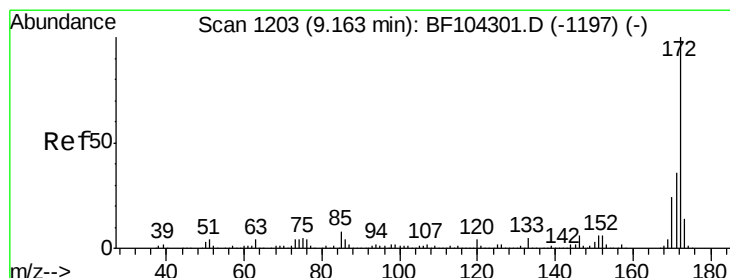
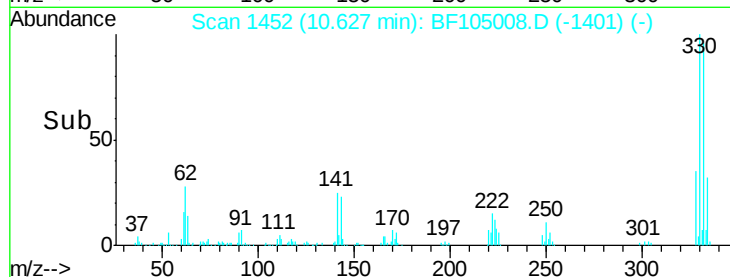
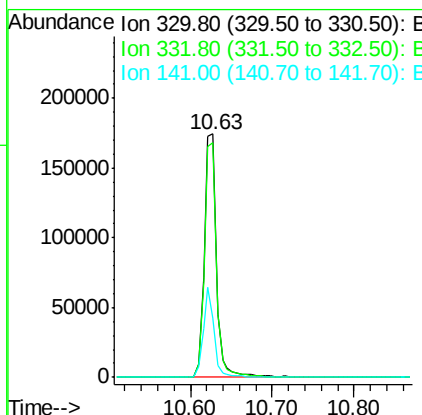
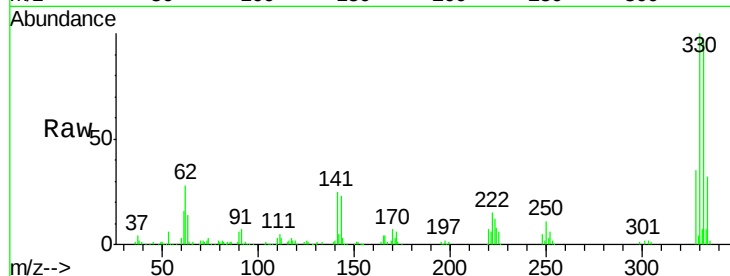




#41
 2,4,6-Tribromophenol
 Concen: 77.768 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: BF105008.D
 Acq: 2 May 2018 3:46

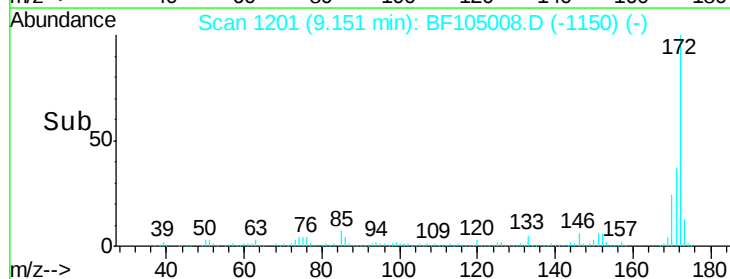
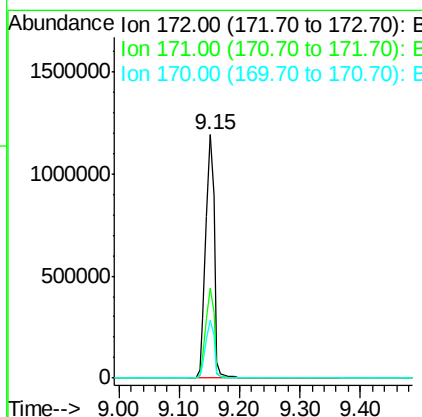
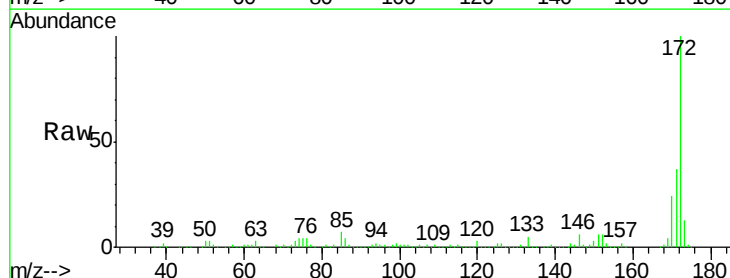
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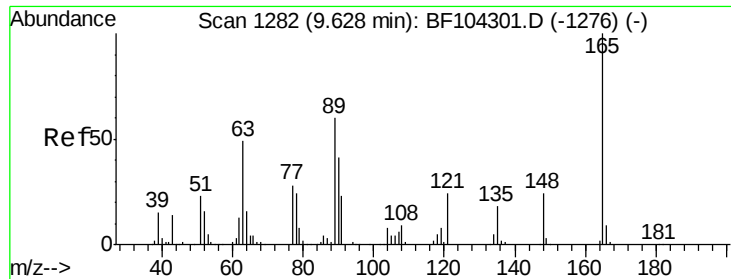
Tgt Ion:330 Resp: 182158
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 32.6 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 83.828 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF105008.D
 Acq: 2 May 2018 3:46

Tgt Ion:172 Resp: 1198203
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.7 44.5
 170 24.1 19.6 29.4

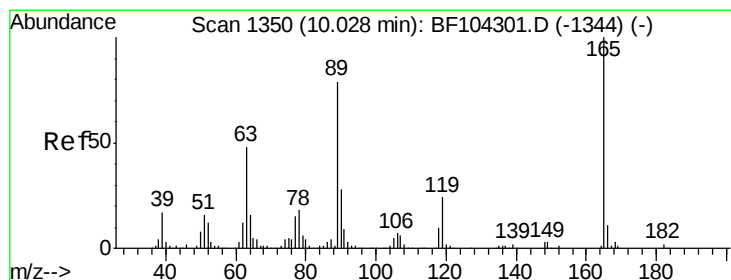
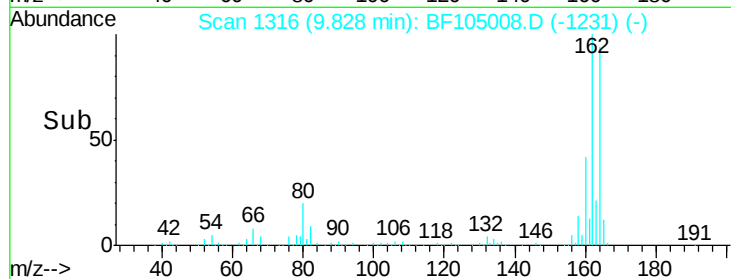
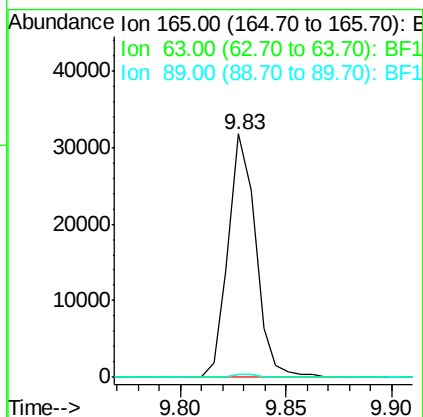
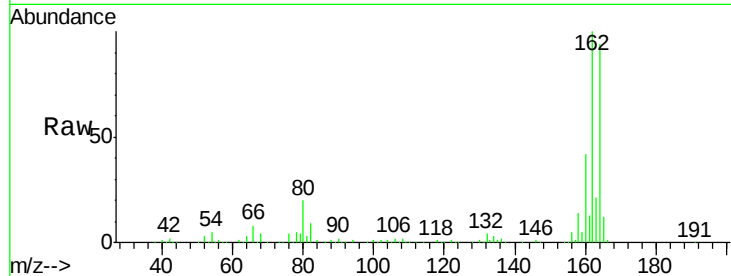




#50
 2,6-Dinitrotoluene
 Concen: 8.724 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.20 min
 Lab File: BF105008.D
 Acq: 2 May 2018 3:46

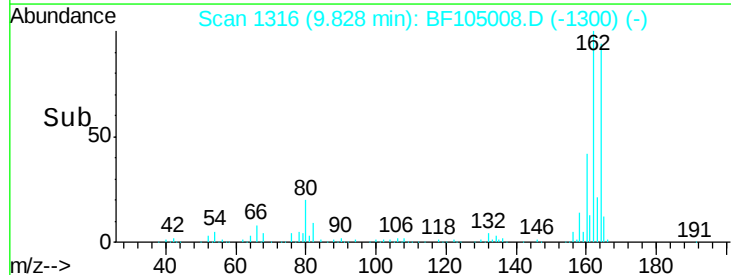
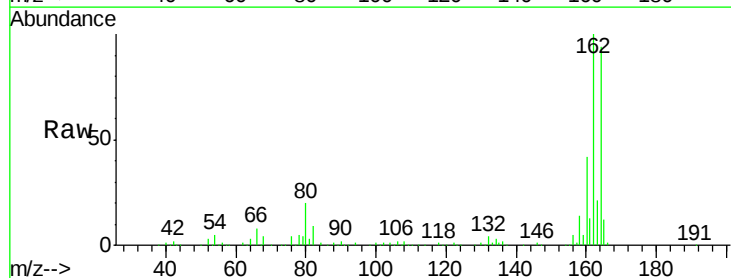
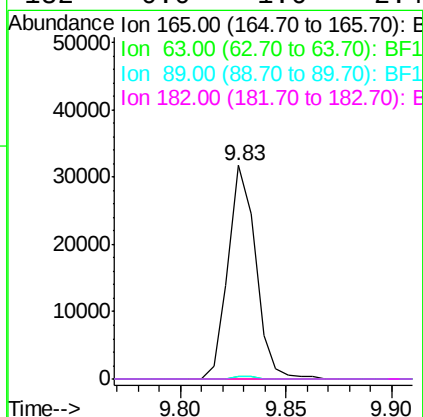
Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.651 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105008.D
 Acq: 2 May 2018 3:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

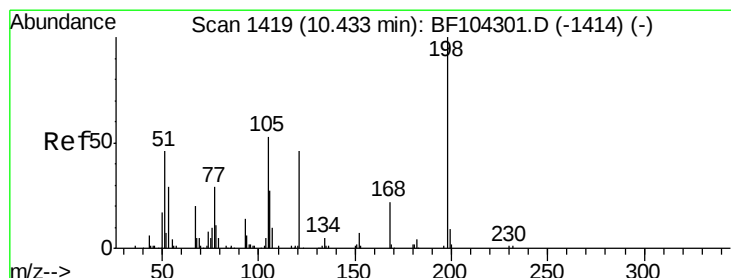
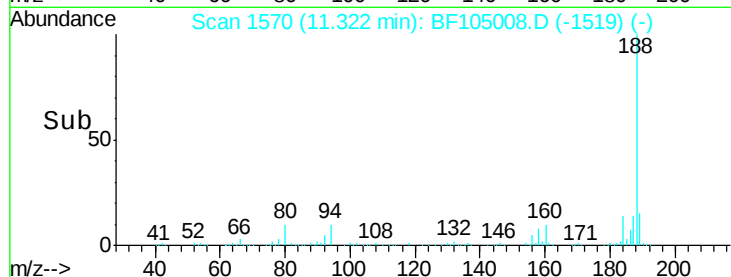
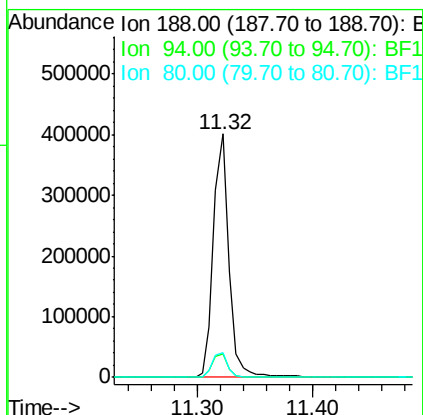
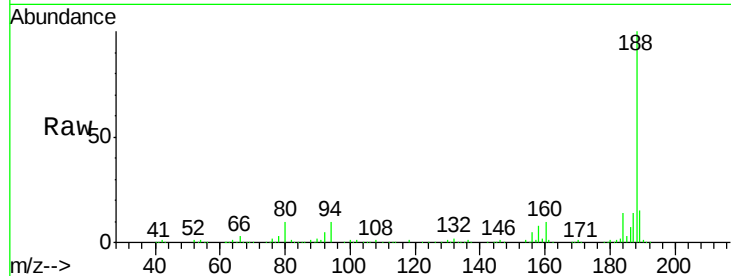




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF105008.D
Acq: 2 May 2018 3:46

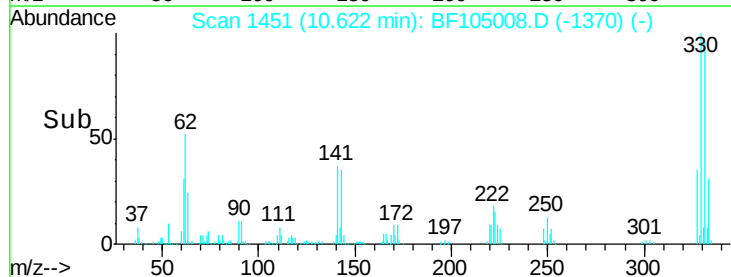
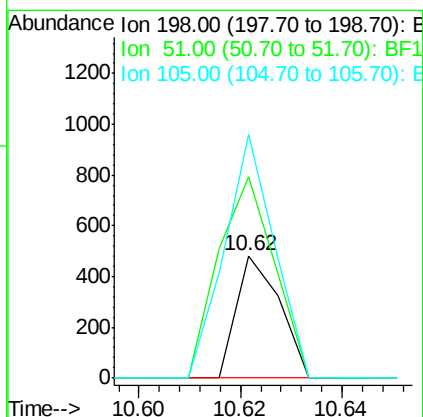
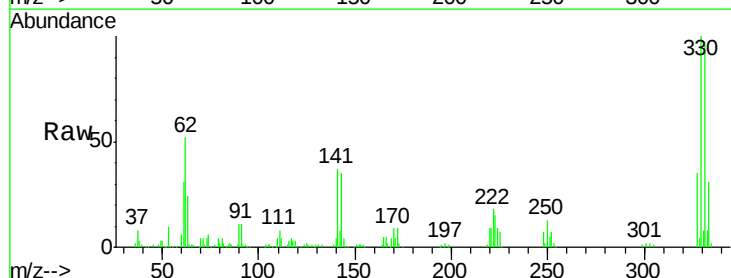
Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-D-B

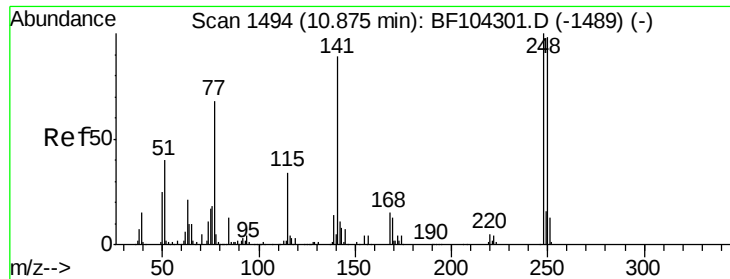
Tgt Ion:188 Resp: 375919
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 10.1 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.478 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.18 min
Lab File: BF105008.D
Acq: 2 May 2018 3:46

Tgt Ion:198 Resp: 284
Ion Ratio Lower Upper
198 100
51 164.0 37.7 77.7#
105 198.6 36.3 76.3#

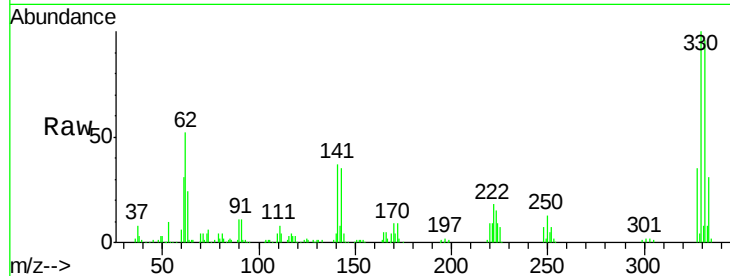




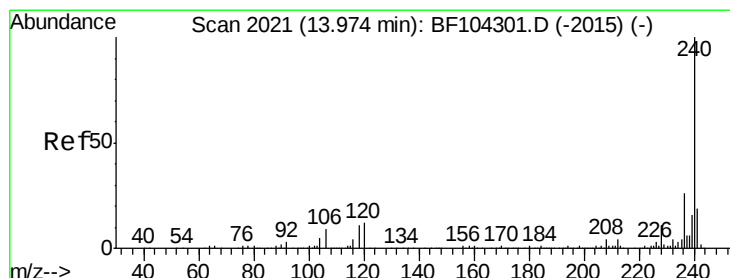
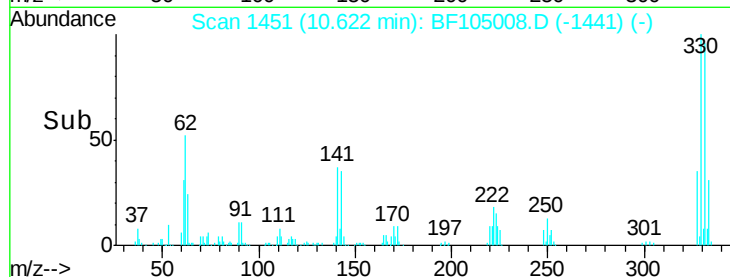
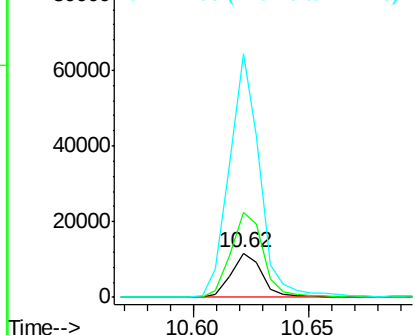
#66
4-Bromophenyl-phenylether
Concen: 2.754 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF105008.D
Acq: 2 May 2018 3:46

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

Tgt Ion:248 Resp: 11012
Ion Ratio Lower Upper
248 100
250 192.3 76.9 115.3#
141 547.2 74.4 111.6#

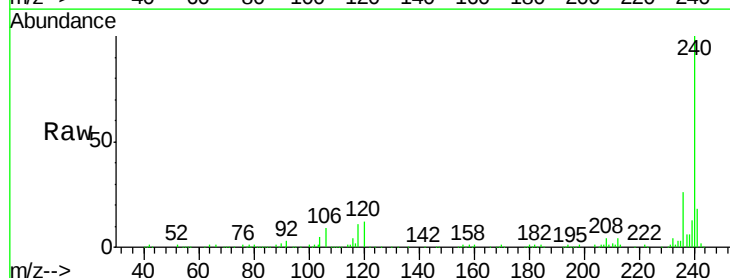


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

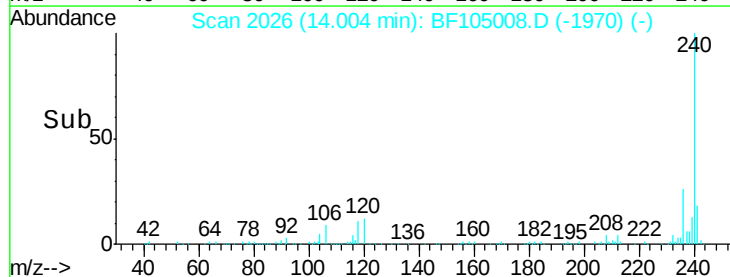
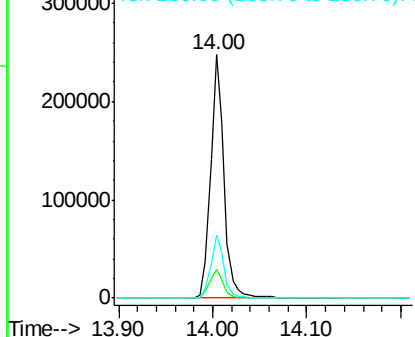


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.03 min
Lab File: BF105008.D
Acq: 2 May 2018 3:46

Tgt Ion:240 Resp: 249184
Ion Ratio Lower Upper
240 100
120 11.6 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: 91.097 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.01 min

Lab File: BF105008.D

Acq: 2 May 2018 3:46

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-D-B

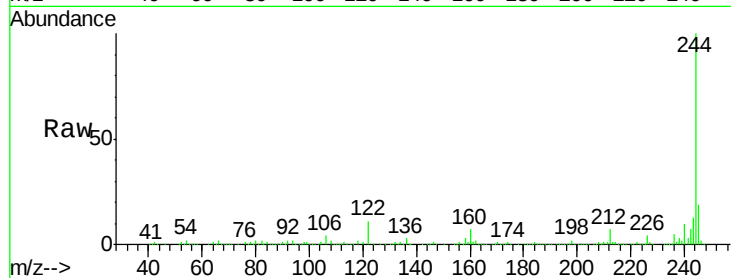
Tgt Ion:244 Resp: 995680

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

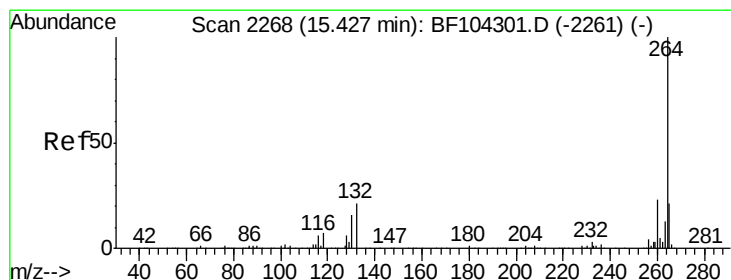
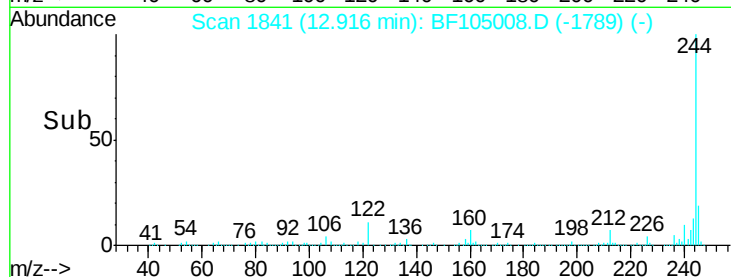
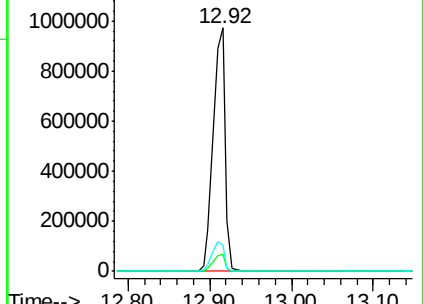
122 10.9 11.0 16.4#



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# 2288

Delta R.T. 0.11 min

Lab File: BF105008.D

Acq: 2 May 2018 3:46

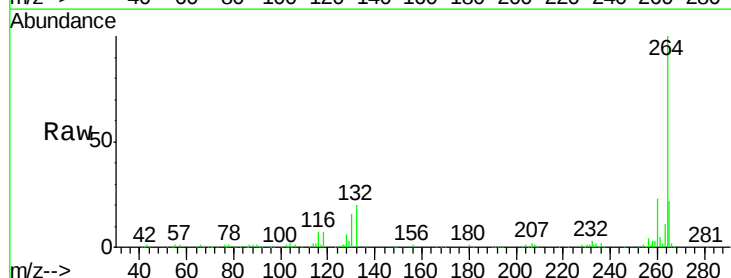
Tgt Ion:264 Resp: 224758

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.6 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

