

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050118\
 Data File : BF105010.D
 Acq On : 2 May 2018 4:40
 Operator : JU/SJ
 Sample : J2645-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

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

Quant Time: May 02 07:00:37 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

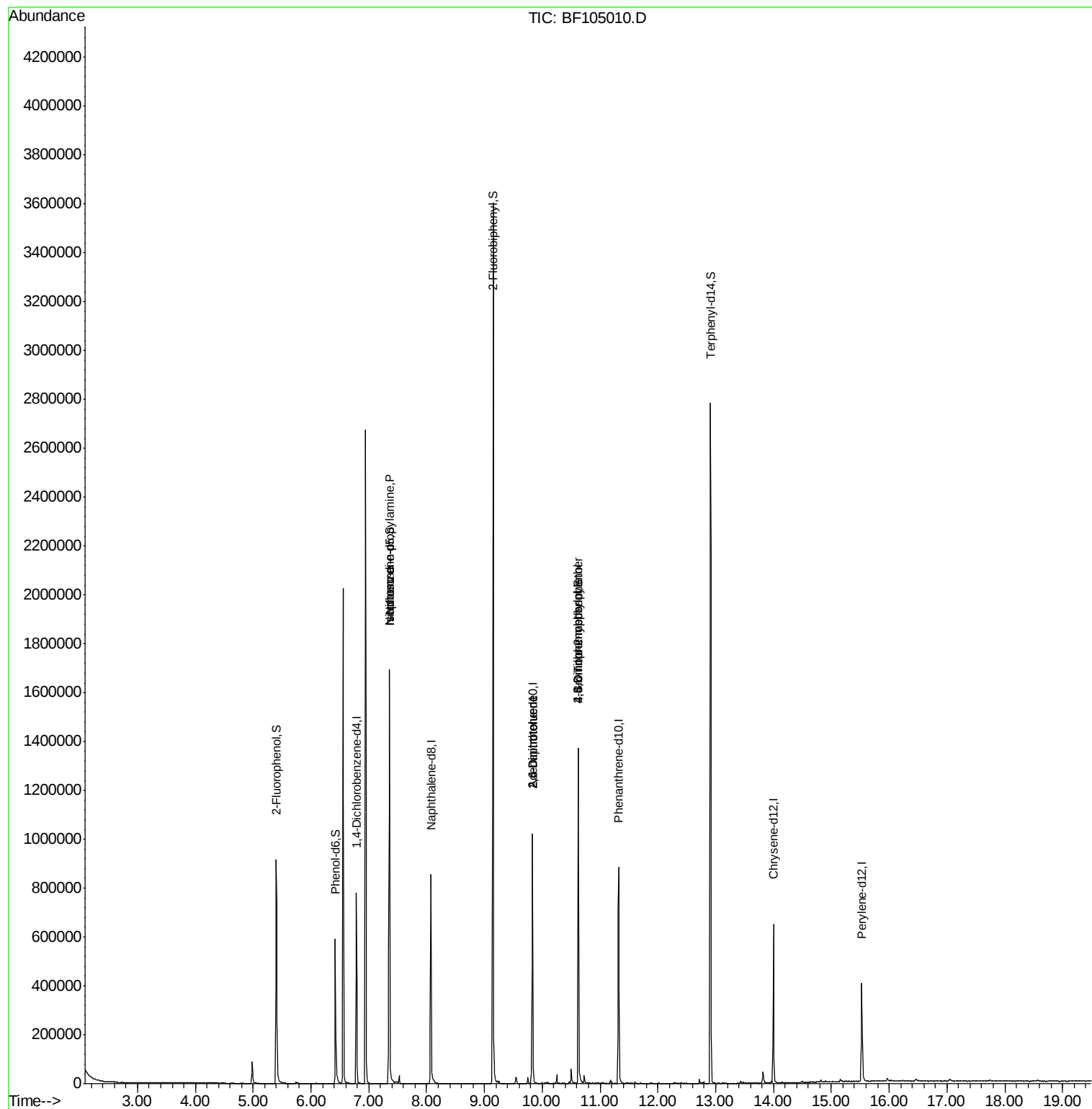
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110264	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	461249	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	210050	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	349085	20.00	ng	0.00
75) Chrysene-d12	14.00	240	240699	20.00	ng	0.02
86) Perylene-d12	15.53	264	209093	20.00	ng	0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	304539	42.23	ng	0.00
7) Phenol-d6	6.42	99	232554	26.25	ng	-0.01
23) Nitrobenzene-d5	7.36	82	691970	97.96	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	183734	84.32	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1234062	92.81	ng	0.00
78) Terphenyl-d14	12.91	244	1029147	97.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	89920	15.531	ng	# 72
25) Isophorone	7.36	82	691964	46.325	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	25557	8.338	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	25557	6.357	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.62	198	298	7.495	ng	# 1
66) 4-Bromophenyl-phenylether	10.62	248	10519	2.833	ng	# 1
76) Benizidine	12.91	184	13363	Below Cal		97

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

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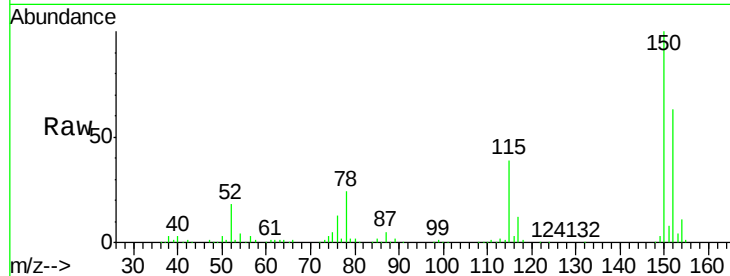


#1

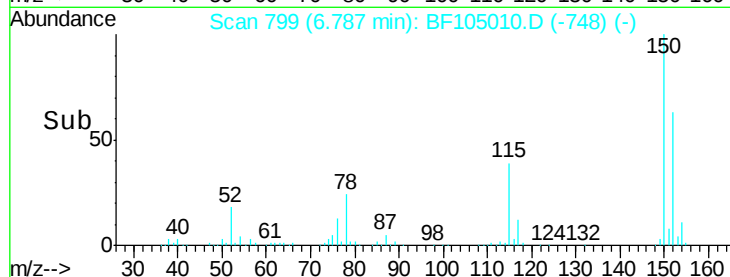
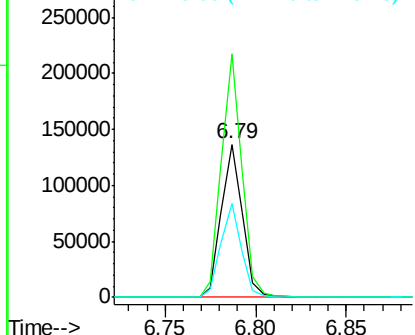
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF105010.D
Acq: 2 May 2018 4:40

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

Tgt Ion:152 Resp: 110264
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 61.6 50.1 75.1



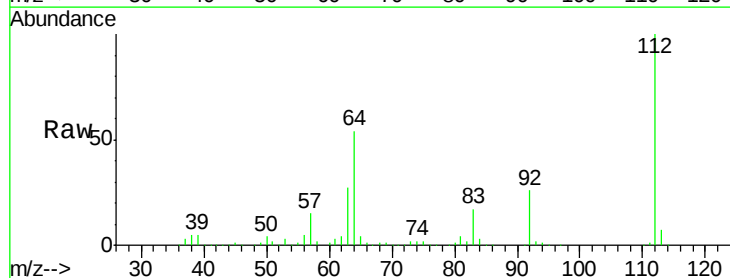
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



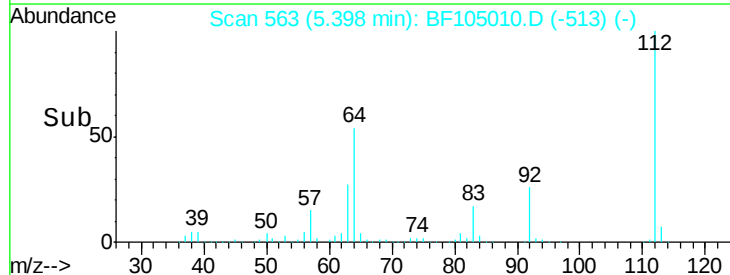
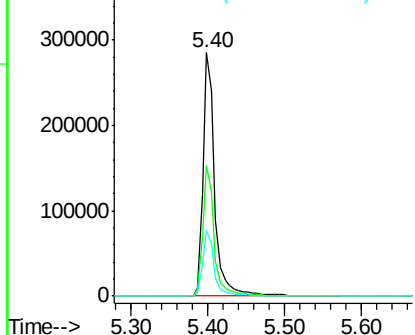
#5

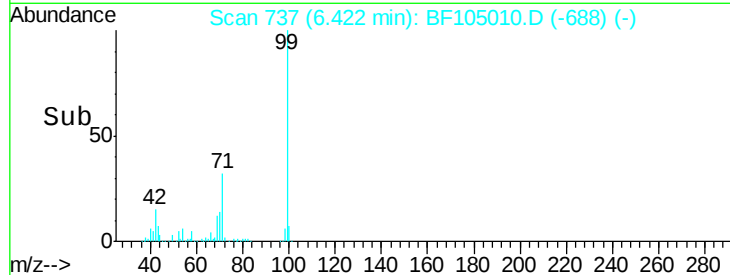
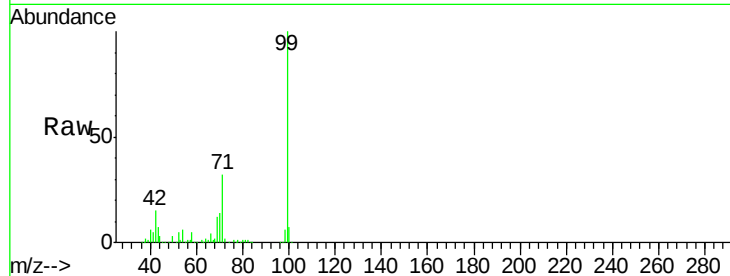
2-Fluorophenol
Concen: 42.231 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF105010.D
Acq: 2 May 2018 4:40

Tgt Ion:112 Resp: 304539
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 27.2 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: 26.247 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF105010.D

Acq: 2 May 2018 4:40

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-D-S

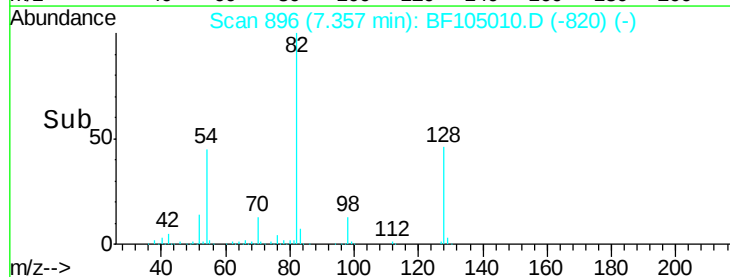
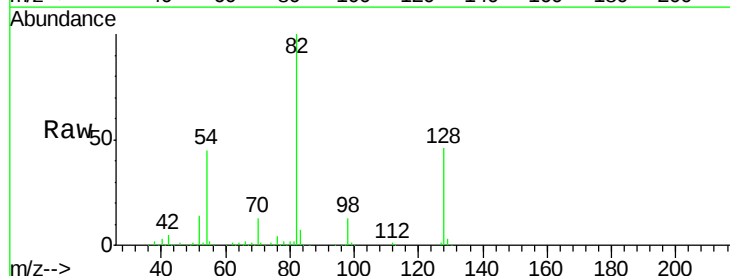
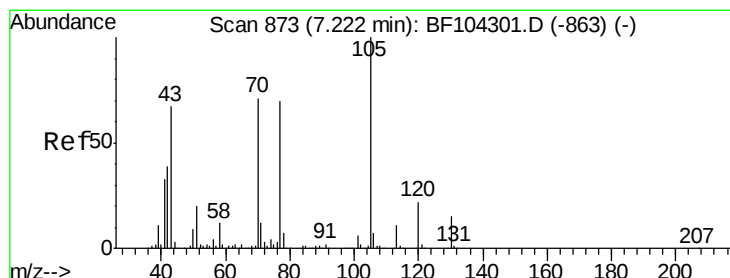
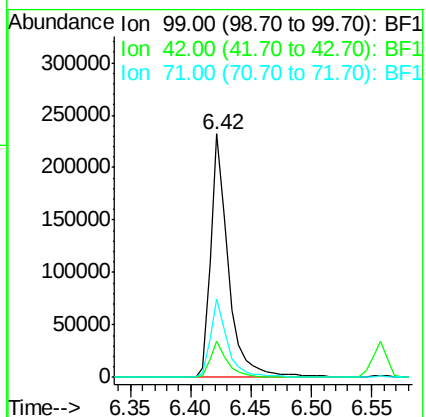
Tgt Ion: 99 Resp: 232554

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: 15.531 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF105010.D

Acq: 2 May 2018 4:40

Tgt Ion: 70 Resp: 89920

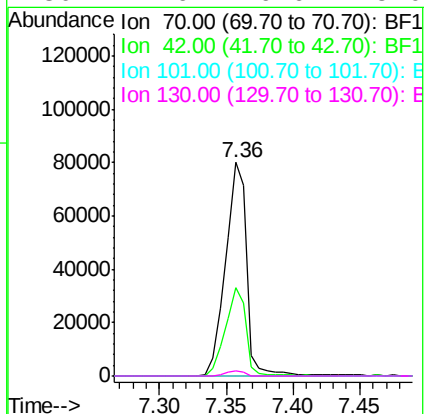
Ion Ratio Lower Upper

70 100

42 41.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

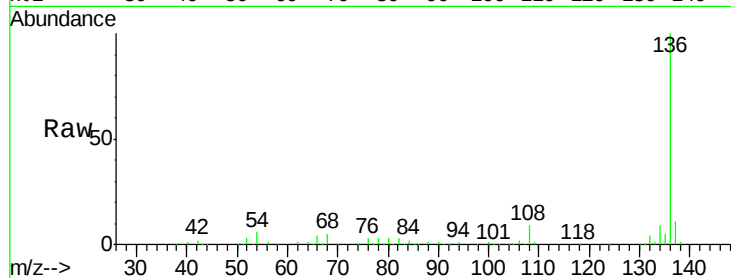




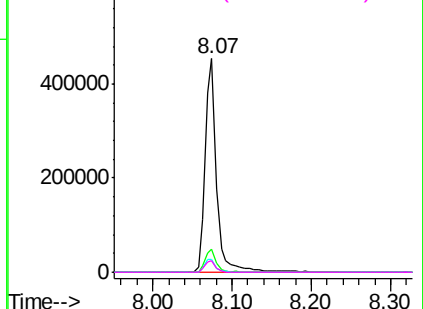
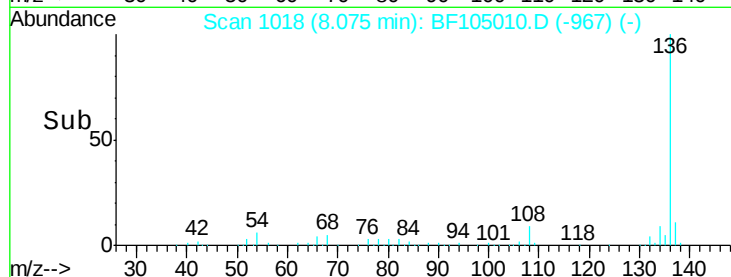
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF105010.D
Acq: 2 May 2018 4:40

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

Tgt Ion:	136	Resp:	461249
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.9	13.3
54	5.8	6.6	9.8#
68	5.2	5.0	7.4

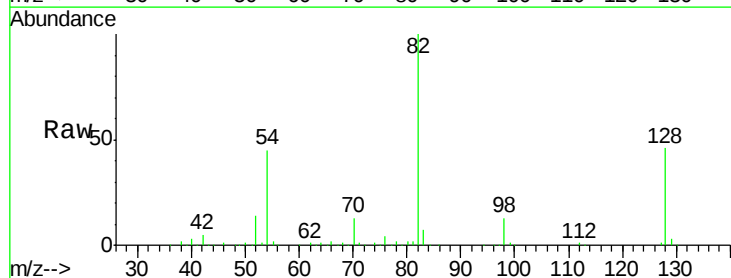


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

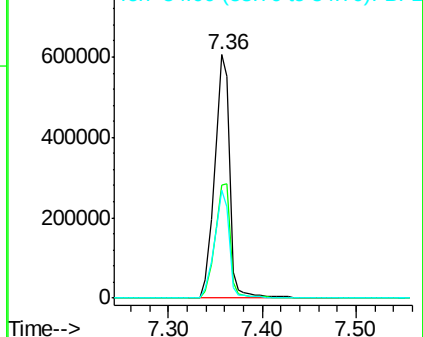
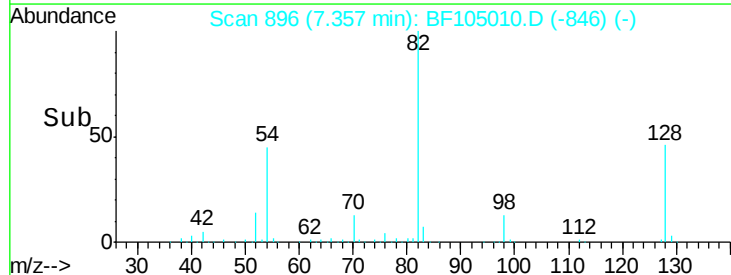


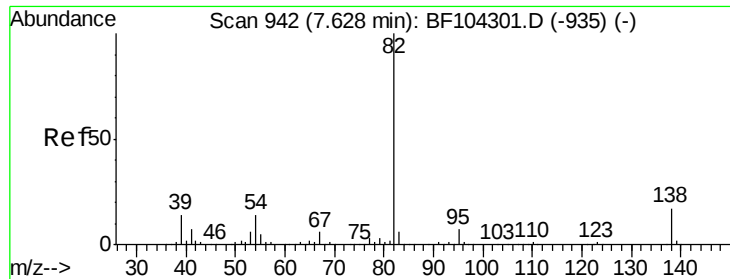
#23
Nitrobenzene-d5
Concen: 97.961 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105010.D
Acq: 2 May 2018 4:40

Tgt Ion:	82	Resp:	691970
Ion Ratio	Lower	Upper	
82	100		
128	46.3	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: 46.325 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF105010.D

Acq: 2 May 2018 4:40

Instrument :

BNA_F

ClientSampleId :

042718-SIDI-E-D-S

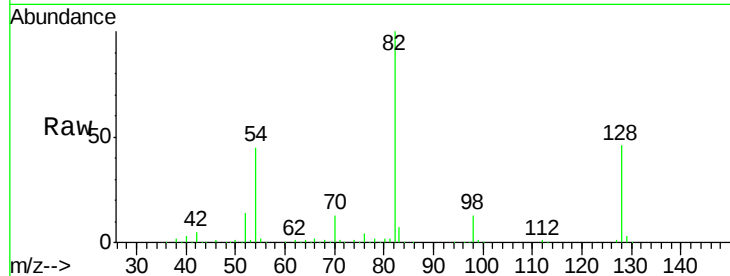
Tgt Ion: 82 Resp: 691964

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

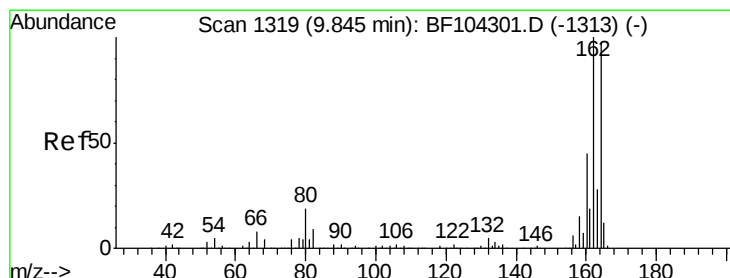
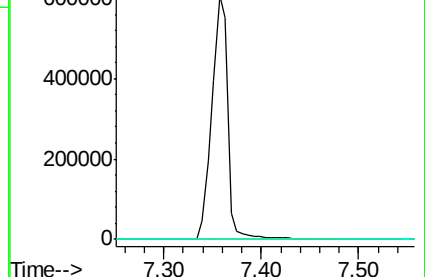
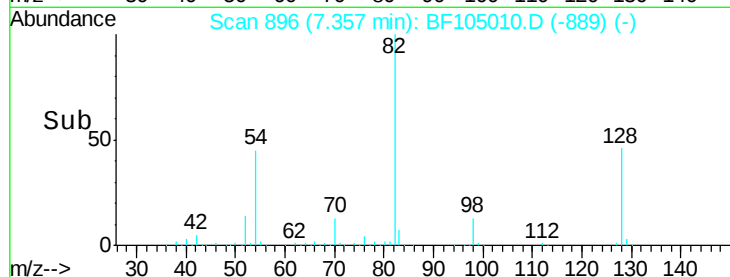
138 0.0 14.9 22.3#



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: BF105010.D

Acq: 2 May 2018 4:40

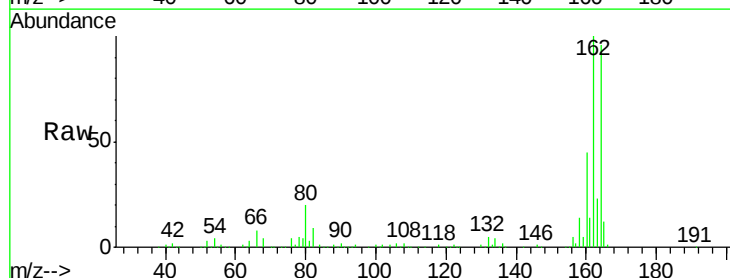
Tgt Ion: 164 Resp: 210050

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

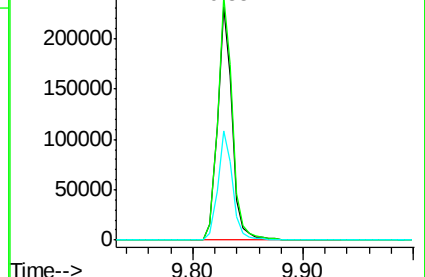
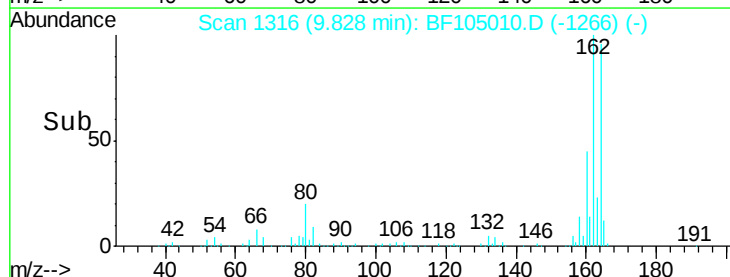
160 46.7 38.3 57.5



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

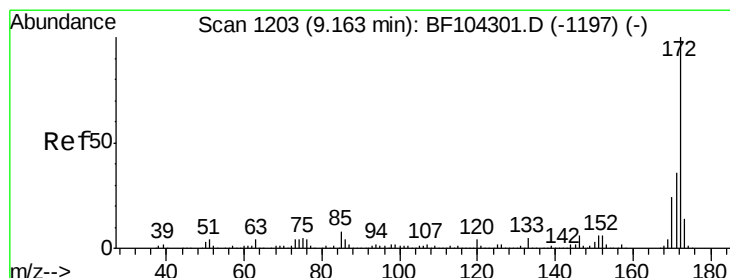
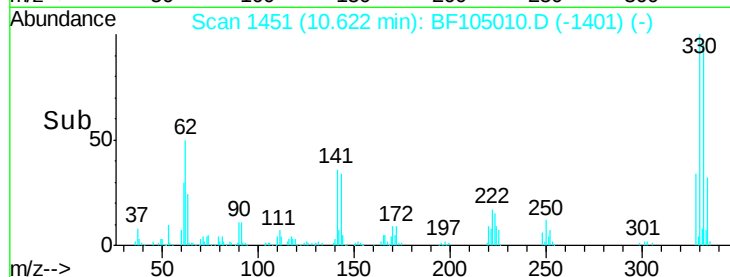
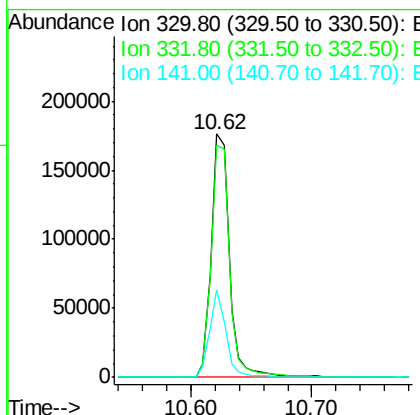
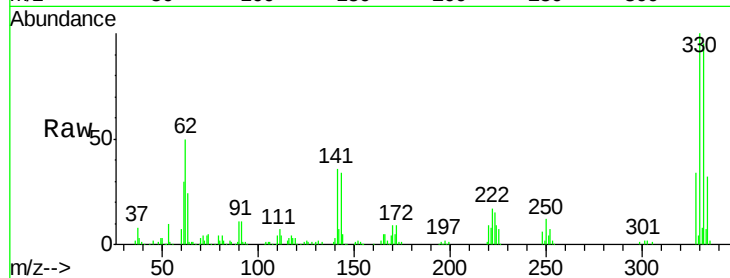




#41
 2,4,6-Tribromophenol
 Concen: 84.324 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF105010.D
 Acq: 2 May 2018 4:40

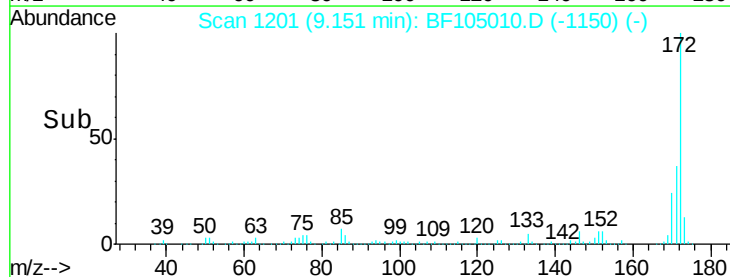
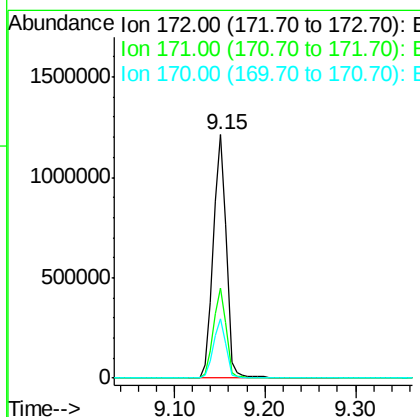
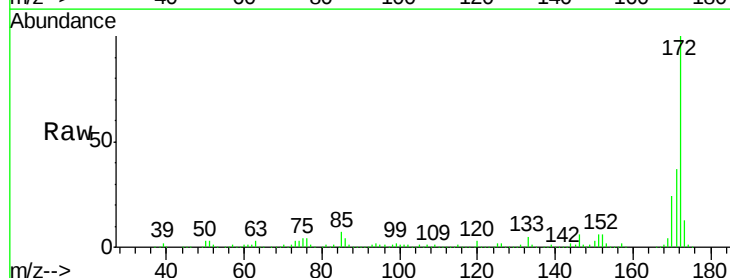
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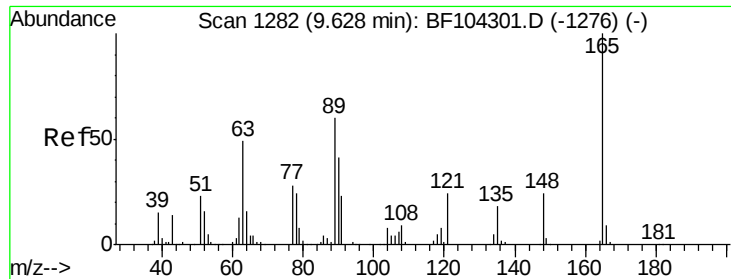
Tgt Ion:330 Resp: 183734
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 32.7 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 92.812 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF105010.D
 Acq: 2 May 2018 4:40

Tgt Ion:172 Resp: 1234062
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.2 19.6 29.4

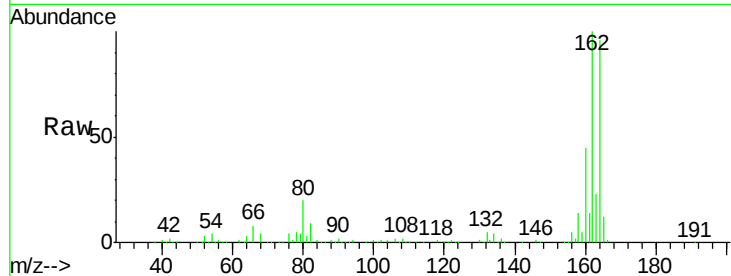




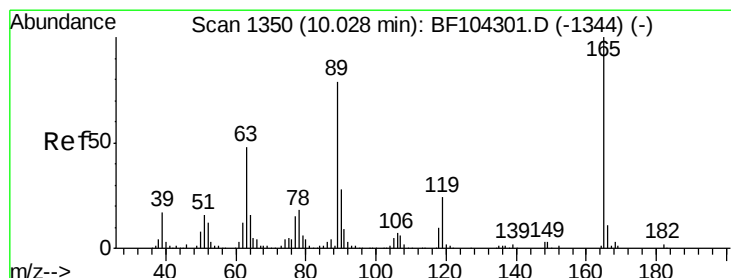
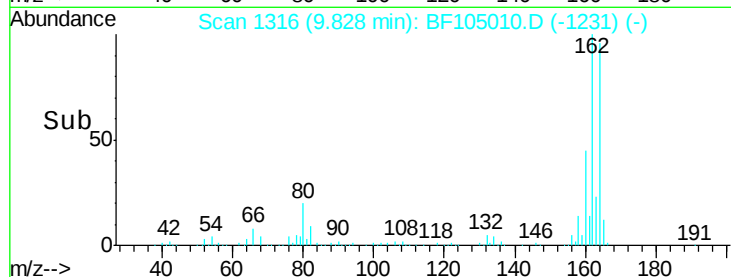
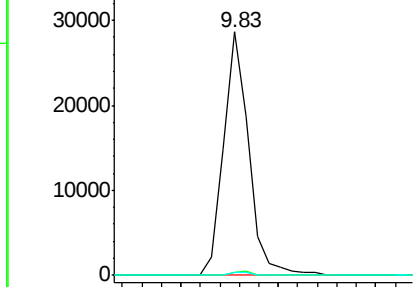
#50
 2,6-Dinitrotoluene
 Concen: 8.338 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. 0.20 min
 Lab File: BF105010.D
 Acq: 2 May 2018 4:40

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

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.4	44.0	66.0#

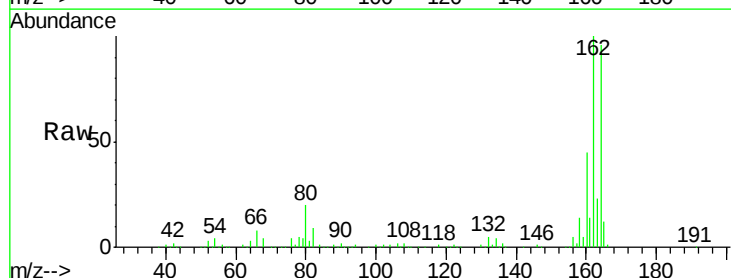


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

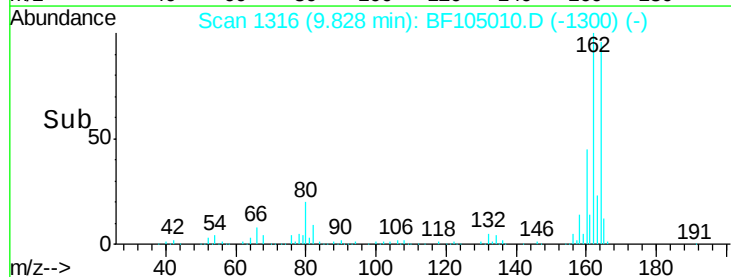
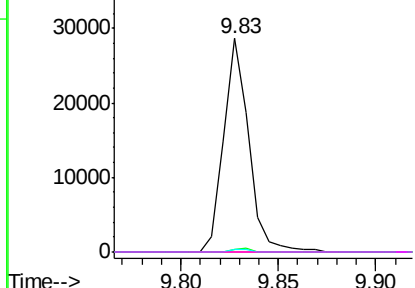


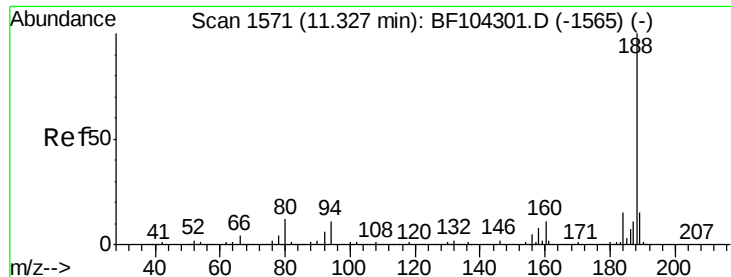
#56
 2,4-Dinitrotoluene
 Concen: 6.357 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF105010.D
 Acq: 2 May 2018 4:40

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#



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

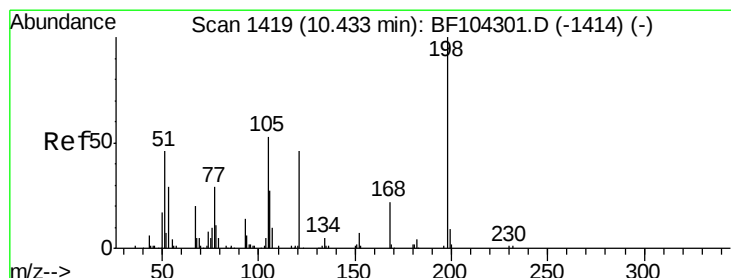
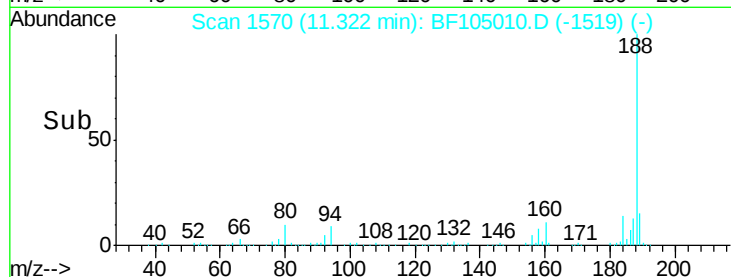
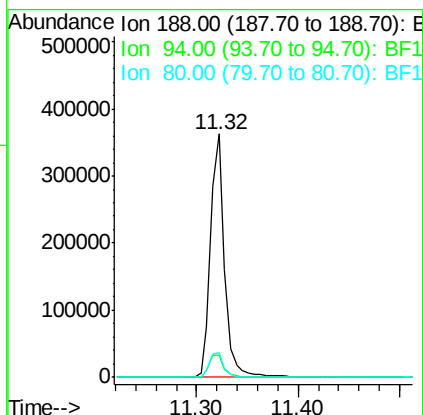
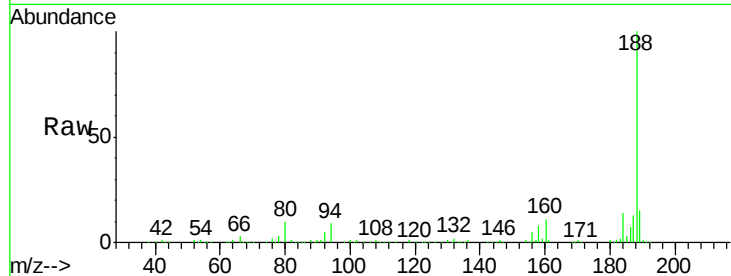




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF105010.D
Acq: 2 May 2018 4:40

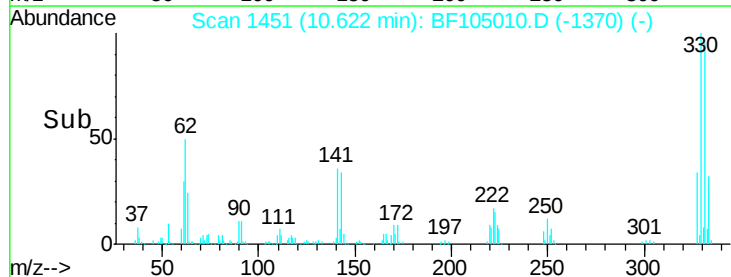
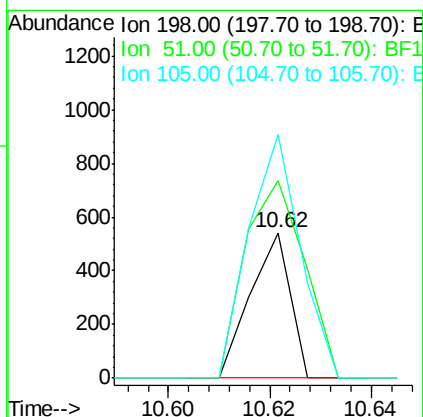
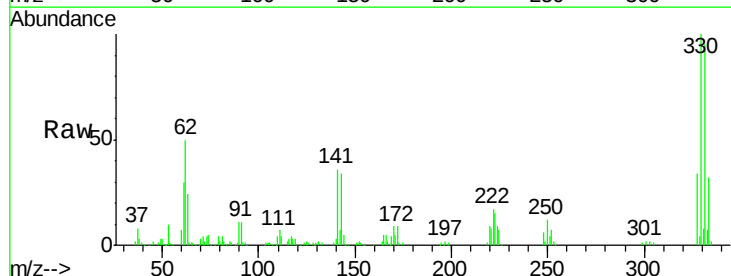
Instrument :
BNA_F
ClientSampleId :
042718-SIDI-E-D-S

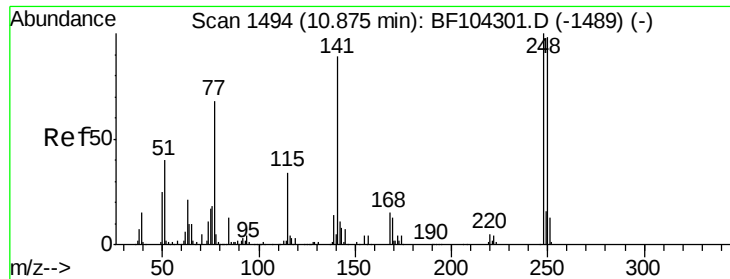
Tgt Ion:188 Resp: 349085
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.9 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.495 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.18 min
Lab File: BF105010.D
Acq: 2 May 2018 4:40

Tgt Ion:198 Resp: 298
Ion Ratio Lower Upper
198 100
51 135.8 37.7 77.7#
105 167.3 36.3 76.3#

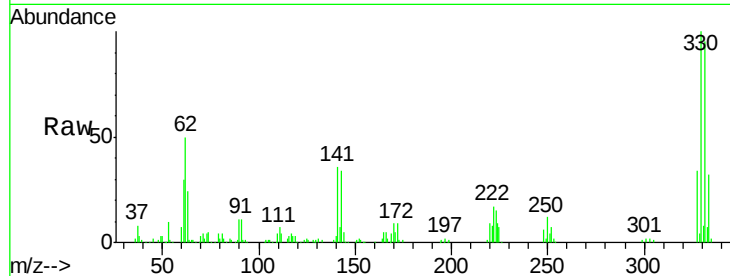




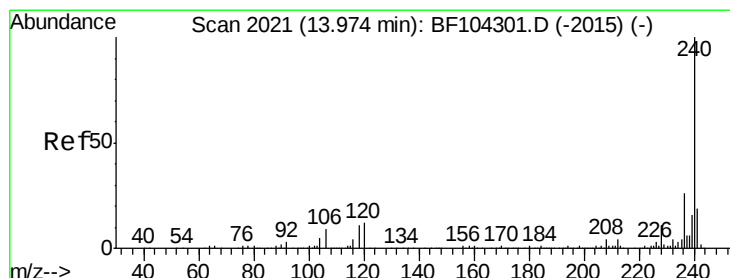
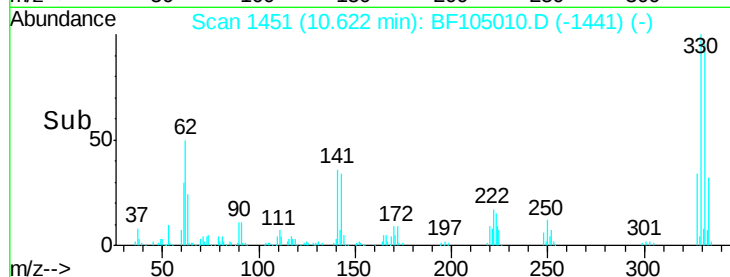
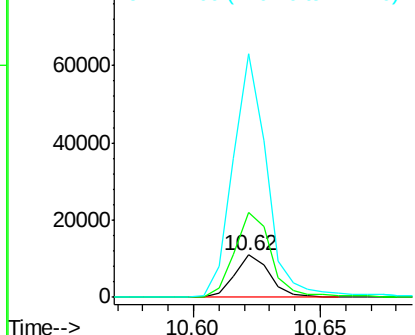
#66
4-Bromophenyl-phenylether
Concen: 2.833 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF105010.D
Acq: 2 May 2018 4:40

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

Tgt Ion:248 Resp: 10519
Ion Ratio Lower Upper
248 100
250 199.7 76.9 115.3#
141 572.1 74.4 111.6#

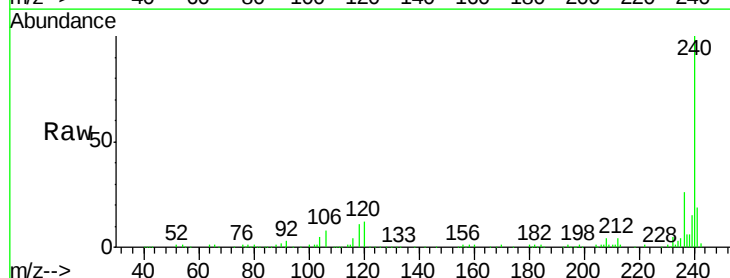


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

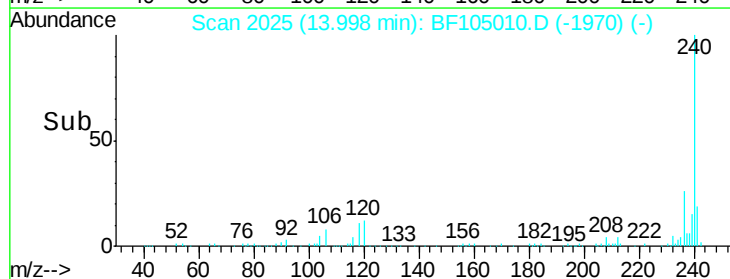
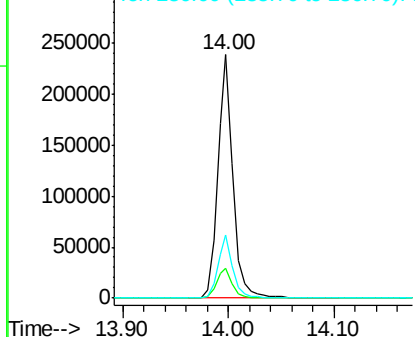


#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.02 min
Lab File: BF105010.D
Acq: 2 May 2018 4:40

Tgt Ion:240 Resp: 240699
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 25.7 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

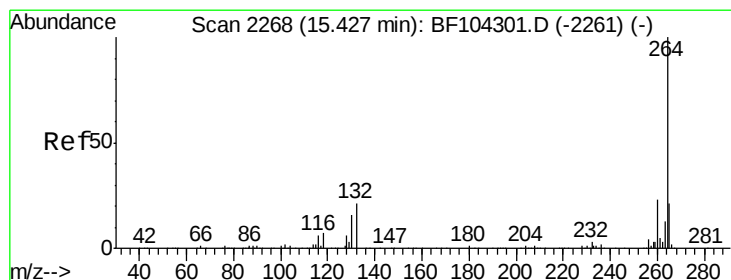
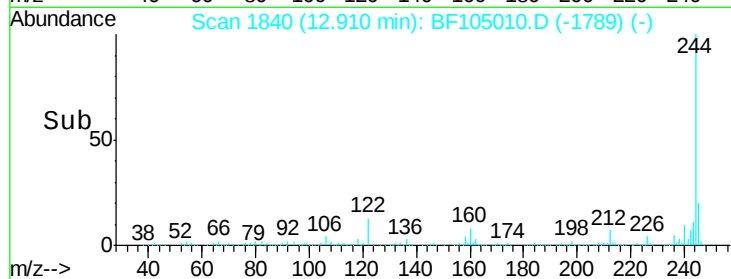
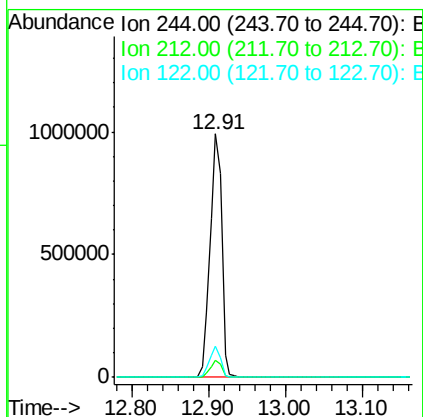
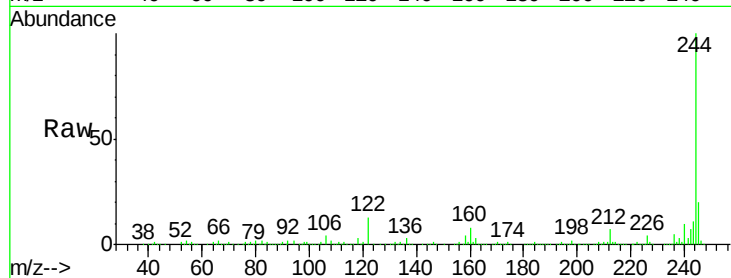




#78
 Terphenyl-d14
 Concen: 97.478 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.00 min
 Lab File: BF105010.D
 Acq: 2 May 2018 4:40

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

Tgt Ion:244 Resp: 1029147
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 12.8 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: BF105010.D
 Acq: 2 May 2018 4:40

Tgt Ion:264 Resp: 209093
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.2 28.8
 265 20.8 17.5 26.3

