

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
 Data File : BF110205.D
 Acq On : 26 Oct 2018 12:07
 Operator : JU/SJ
 Sample : J5662-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102318-SIDI-F-D-S

Quant Time: Oct 26 14:40:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

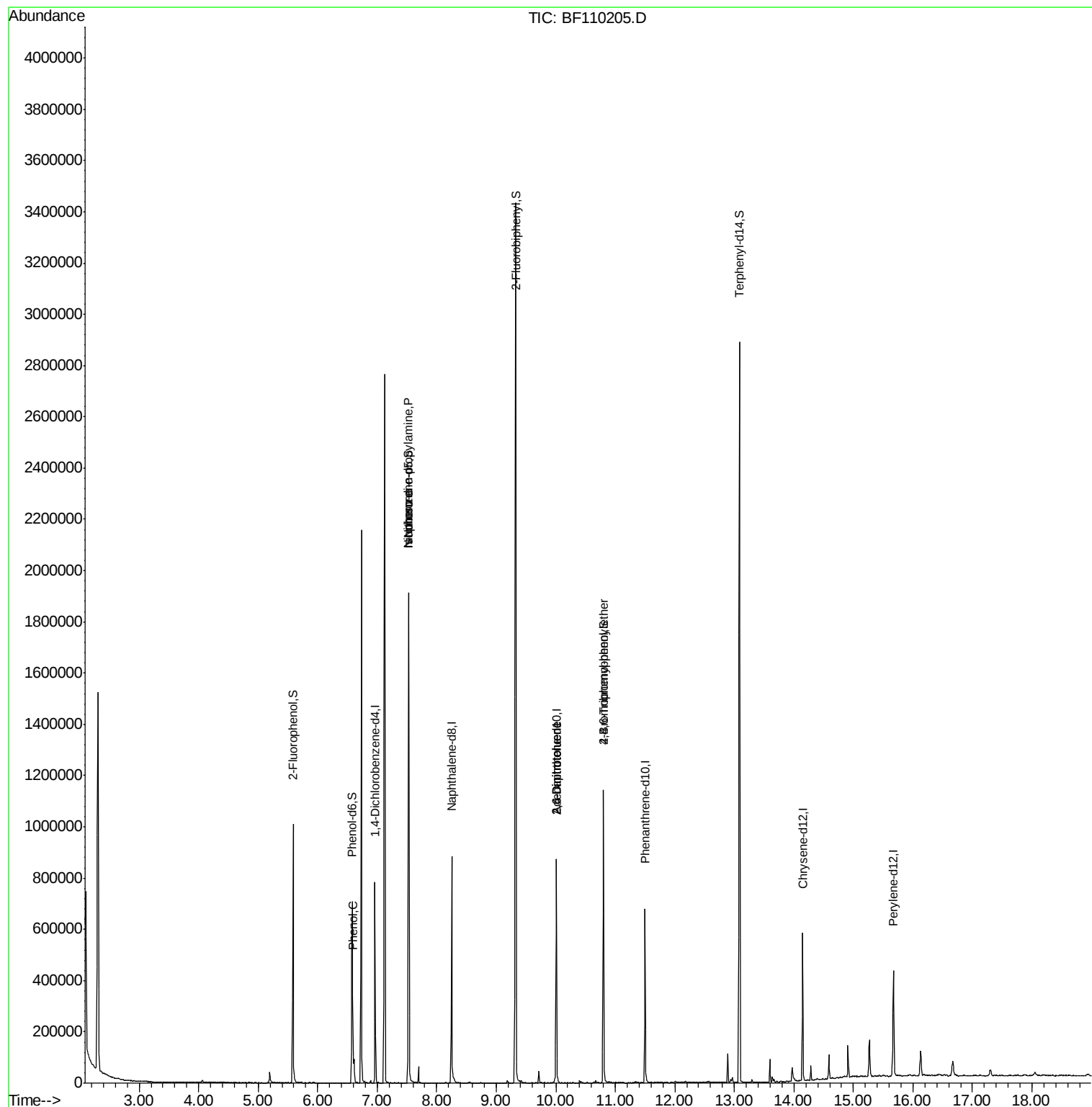
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	117437	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	422463	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	166895	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	270122	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	202273	20.00	ng	-0.02
87) Perylene-d12	15.67	264	148068	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	285701	39.62	ng	-0.01
7) Phenol-d6	6.58	99	214609	23.27	ng	-0.02
23) Nitrobenzene-d5	7.53	82	689533	96.81	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	124039	75.03	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1153001	108.48	ng	-0.01
79) Terphenyl-d14	13.09	244	922925	94.89	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	50741	5.146	ng	# 63
19) n-Nitroso-di-n-propylamine	7.53	70	90801	15.344	ng	# 81
25) Isophorone	7.53	82	689526	56.792	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	21428	8.075	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	21428	6.357	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	7556	2.579	ng	# 1

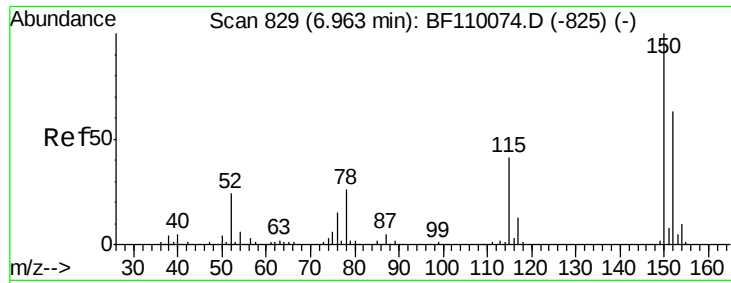
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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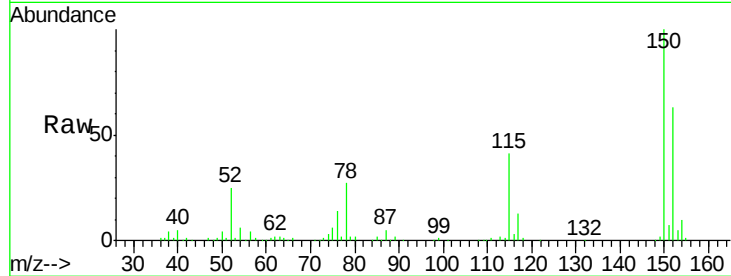


#1

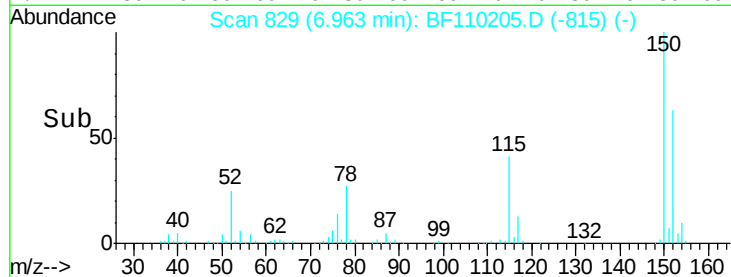
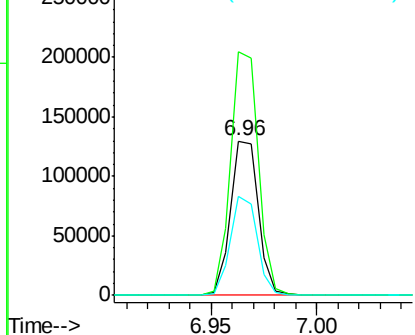
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-D-S

Tgt Ion:152 Resp: 117437
Ion Ratio Lower Upper
152 100
150 158.0 122.7 184.1
115 64.2 49.1 73.7



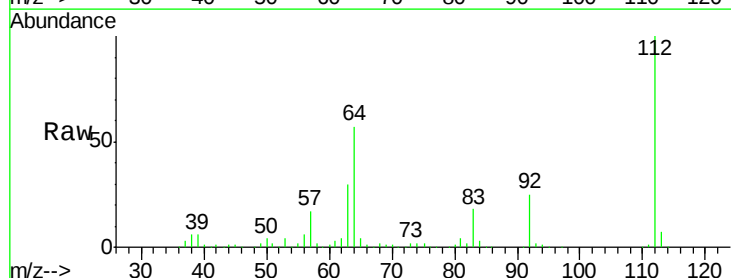
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



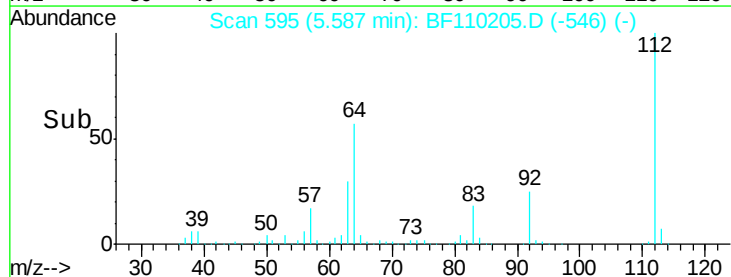
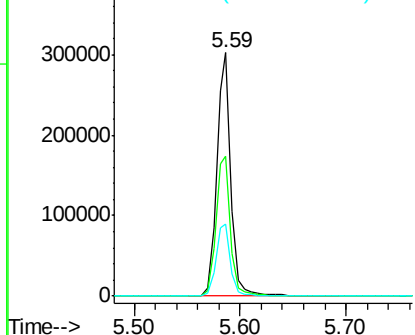
#5

2-Fluorophenol
Concen: 39.617 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

Tgt Ion:112 Resp: 285701
Ion Ratio Lower Upper
112 100
64 57.3 44.1 66.1
63 29.9 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: 23.266 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110205.D

Acq: 26 Oct 2018 12:07

Instrument :

BNA_F

ClientSampleId :

102318-SIDI-F-D-S

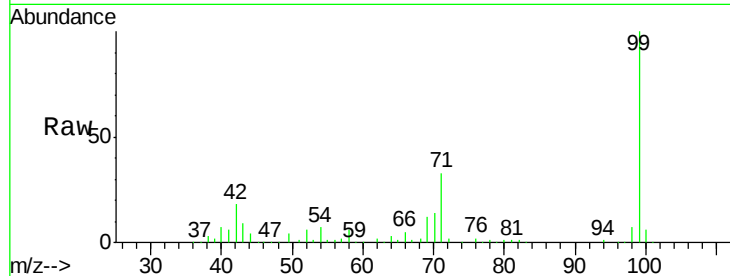
Tgt Ion: 99 Resp: 214609

Ion Ratio Lower Upper

99 100

42 18.0 15.8 23.6

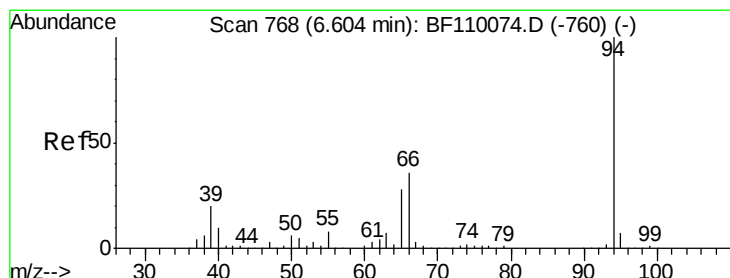
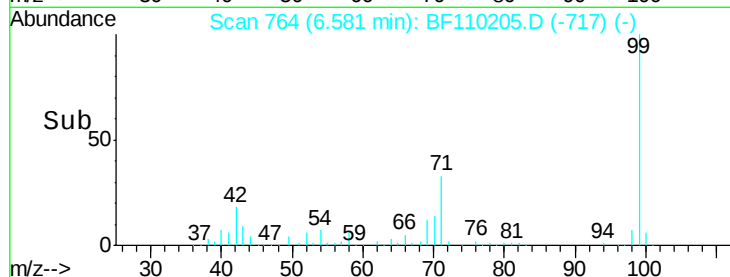
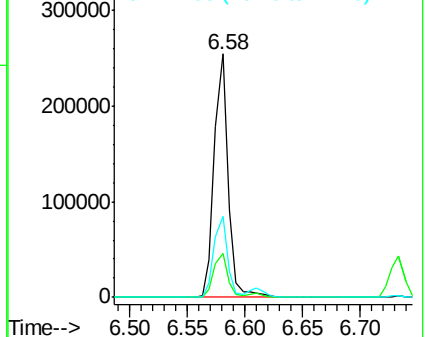
71 33.2 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 5.146 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110205.D

Acq: 26 Oct 2018 12:07

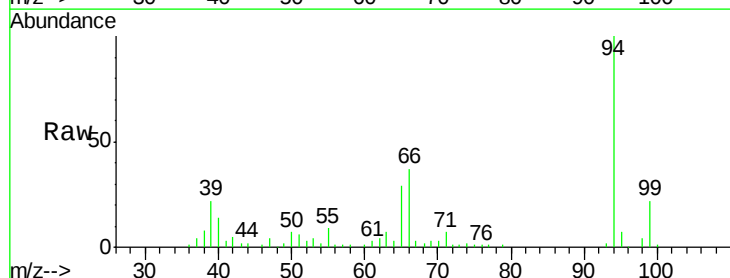
Tgt Ion: 94 Resp: 50741

Ion Ratio Lower Upper

94 100

65 28.8 25.3 65.3

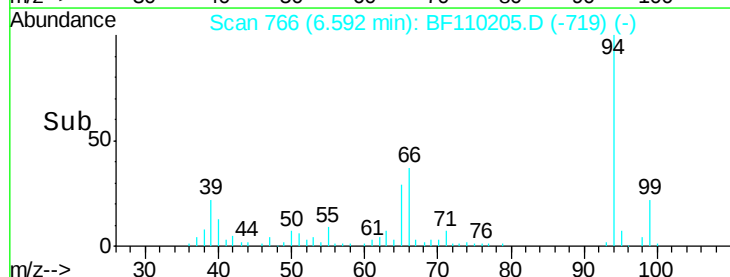
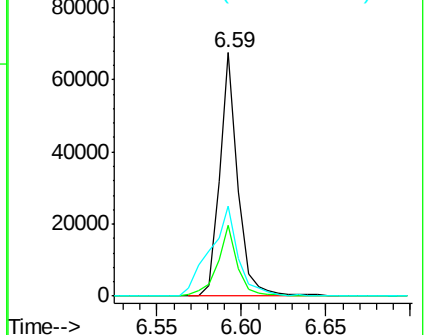
66 36.9 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

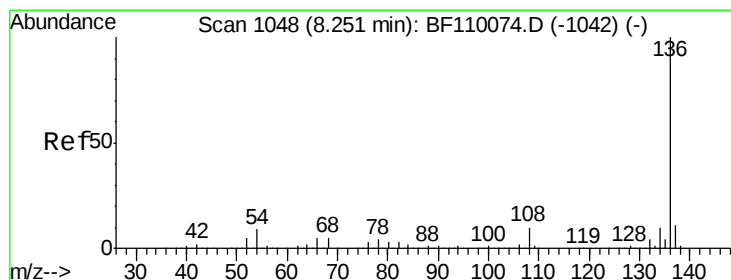
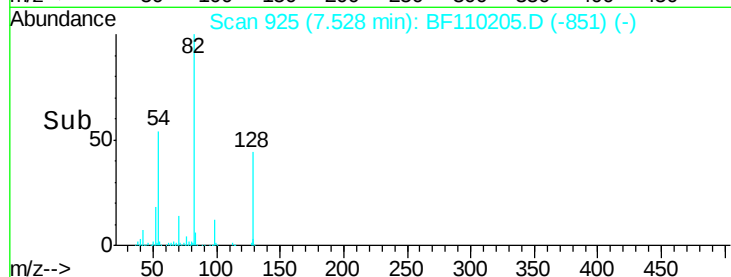
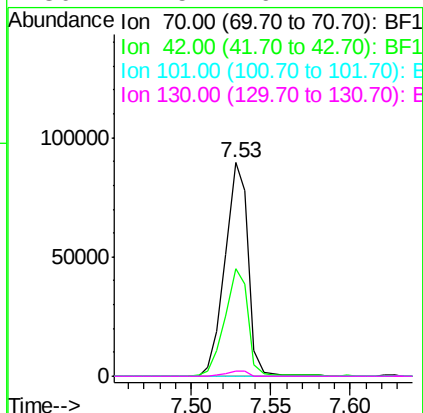
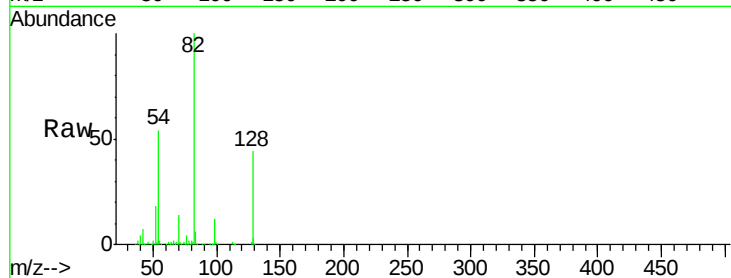




#19
n-Nitroso-di-n-propylamine
Concen: 15.344 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

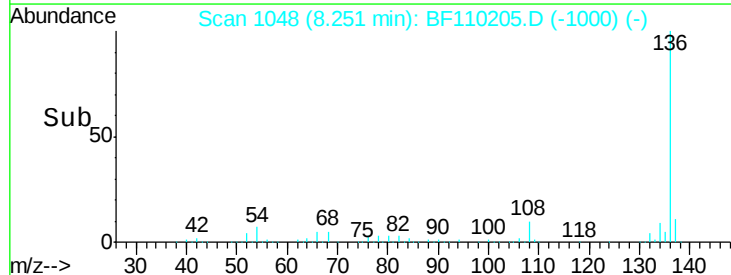
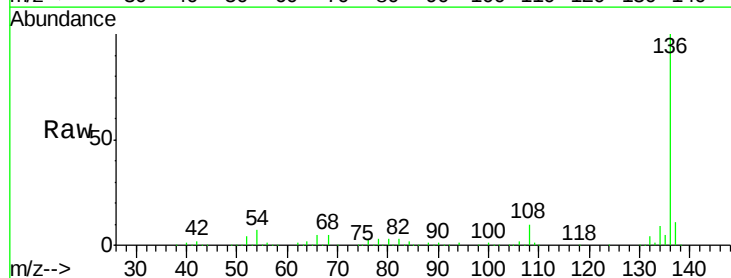
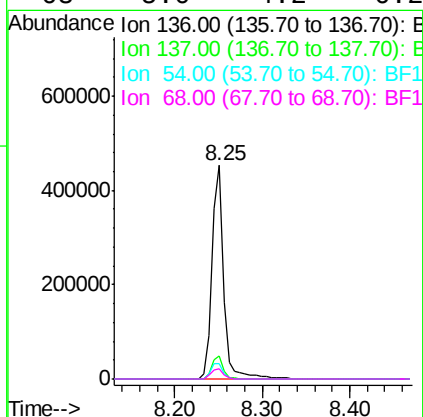
Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-D-S

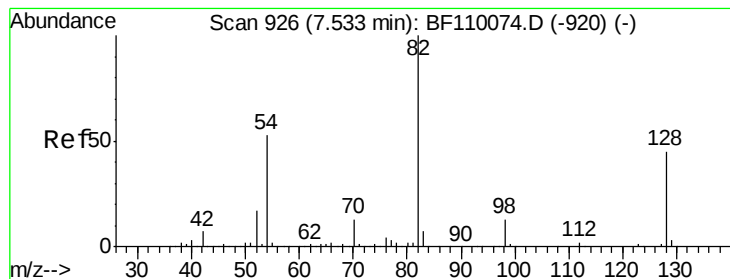
Tgt Ion	Ratio	Lower	Upper
70	100		
42	50.3	47.4	71.2
101	0.0	7.3	10.9#
130	2.5	16.2	24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.5	5.4	8.2
68	5.0	4.2	6.2





#23

Nitrobenzene-d5

Concen: 96.809 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF110205.D

Acq: 26 Oct 2018 12:07

Instrument :

BNA_F

ClientSampleId :

102318-SIDI-F-D-S

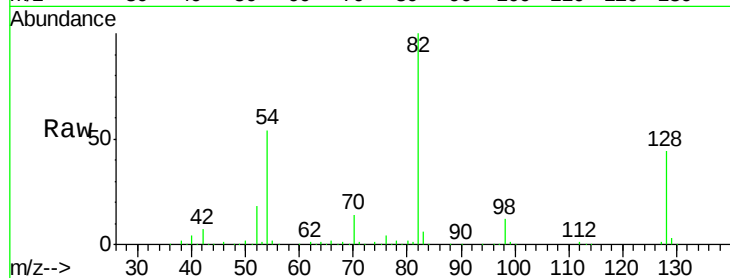
Tgt Ion: 82 Resp: 689533

Ion Ratio Lower Upper

82 100

128 43.7 34.2 51.2

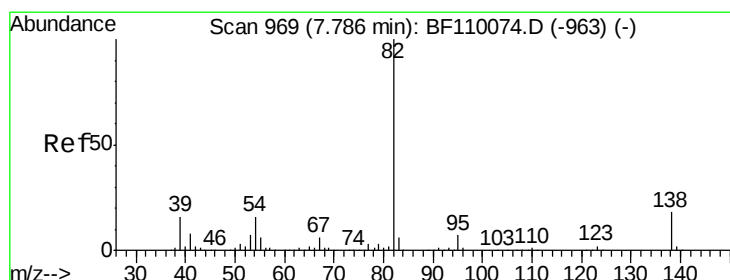
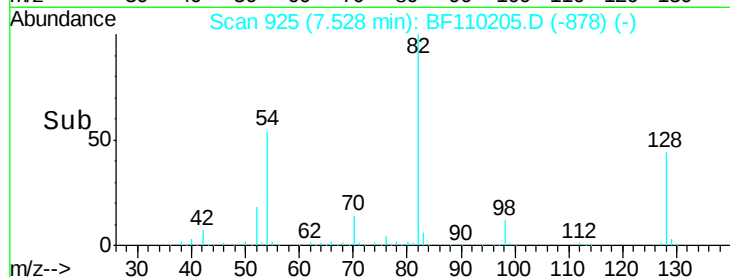
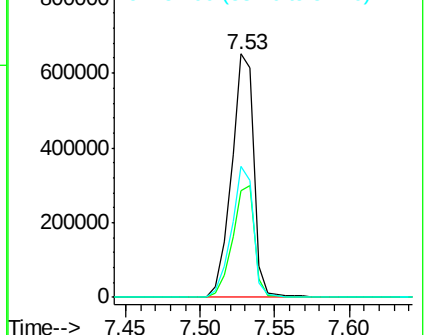
54 53.6 38.6 58.0



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 56.792 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.28 min

Lab File: BF110205.D

Acq: 26 Oct 2018 12:07

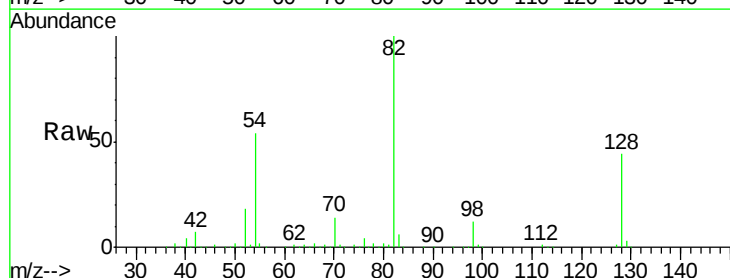
Tgt Ion: 82 Resp: 689526

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

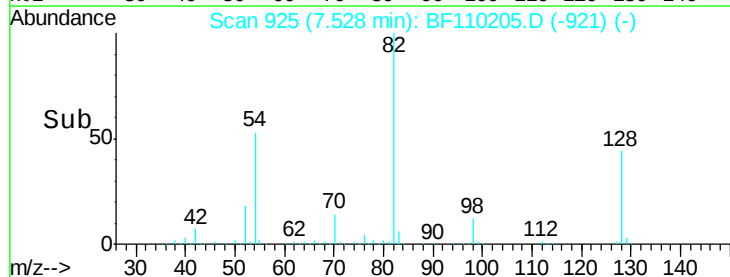
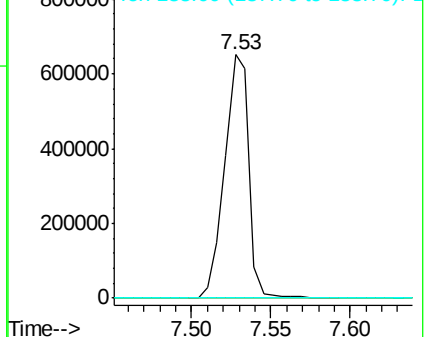
138 0.0 13.2 19.8#

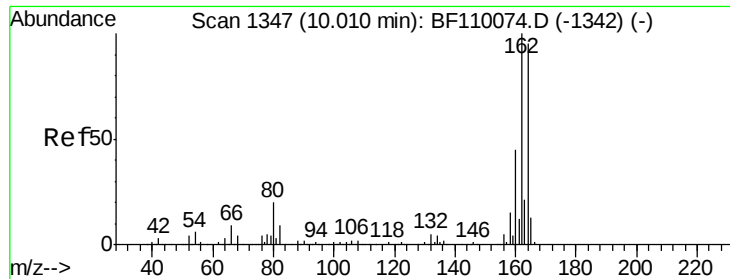


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF110205.D

Acq: 26 Oct 2018 12:07

Instrument :

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ClientSampleId :

102318-SIDI-F-D-S

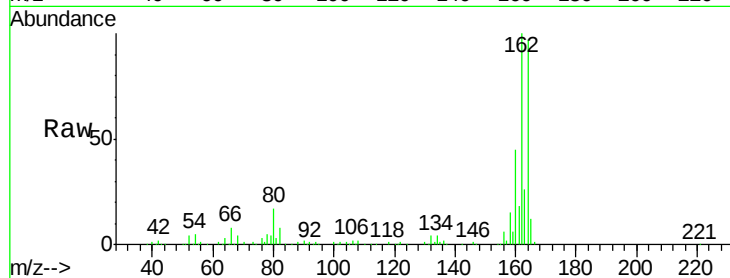
Tgt Ion:164 Resp: 166895

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.6

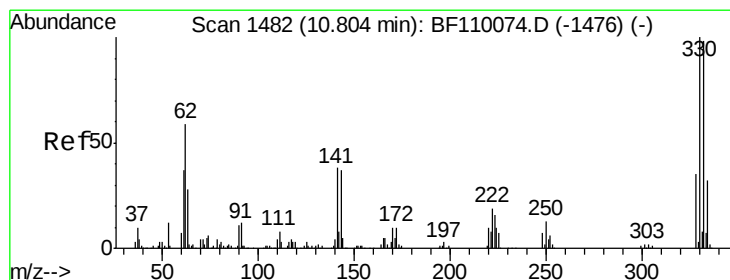
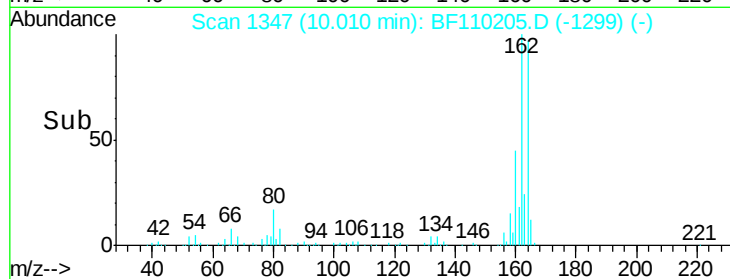
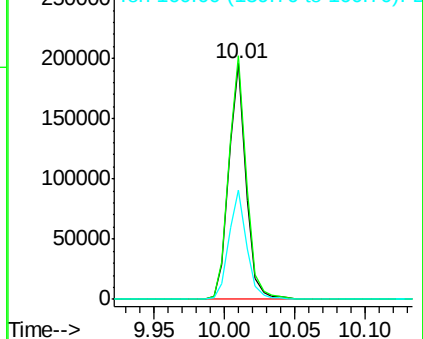
160 46.5 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 75.029 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110205.D

Acq: 26 Oct 2018 12:07

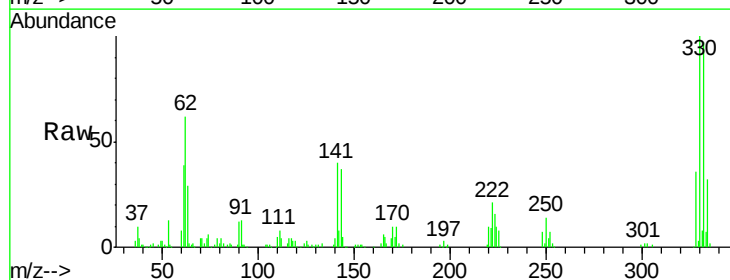
Tgt Ion:330 Resp: 124039

Ion Ratio Lower Upper

330 100

332 94.0 77.1 115.7

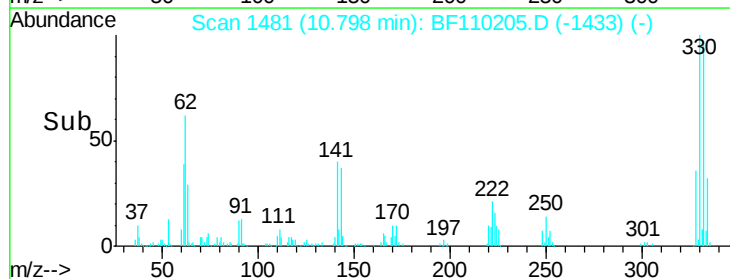
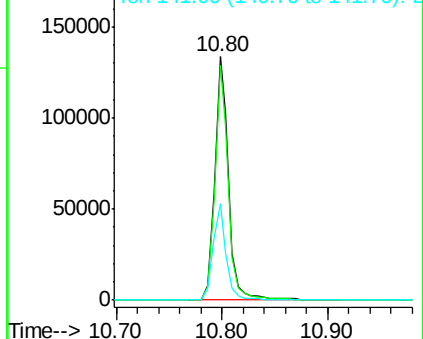
141 37.6 27.0 40.4



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

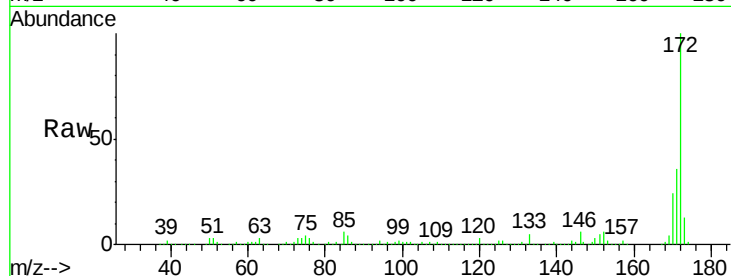




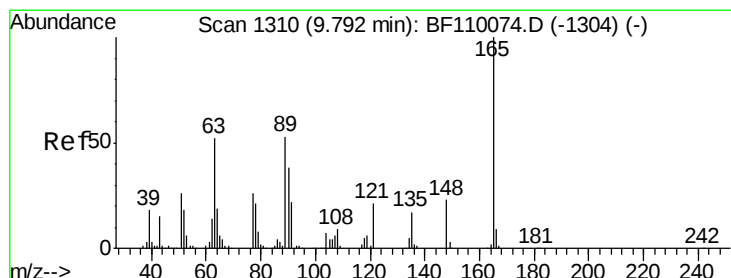
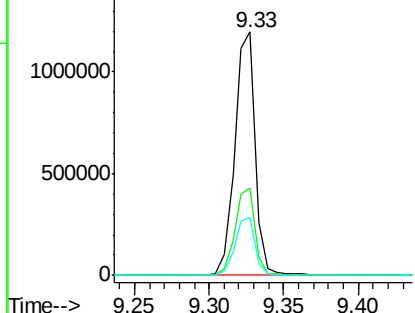
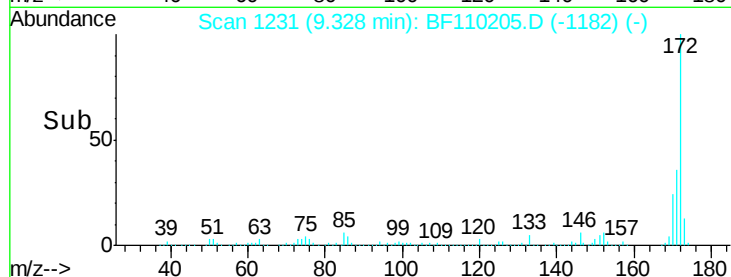
#45
 2-Fluorobiphenyl
 Concen: 108.482 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110205.D
 Acq: 26 Oct 2018 12:07

Instrument :
 BNA_F
 ClientSampleId :
 102318-SIDI-F-D-S

Tgt Ion:172 Resp: 1153001
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.9 19.7 29.5

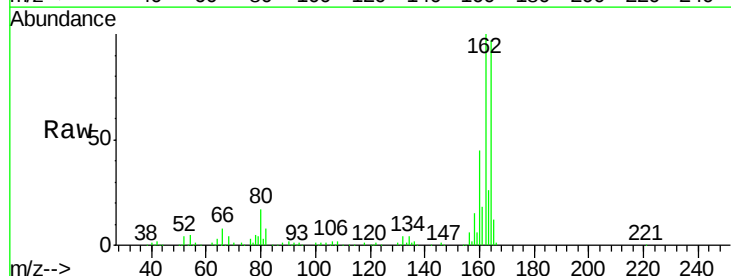


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

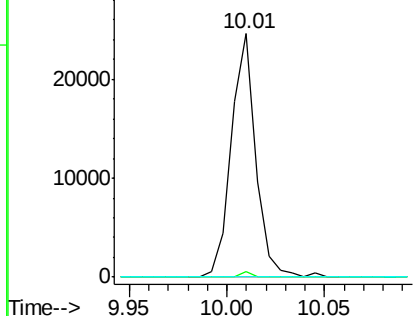
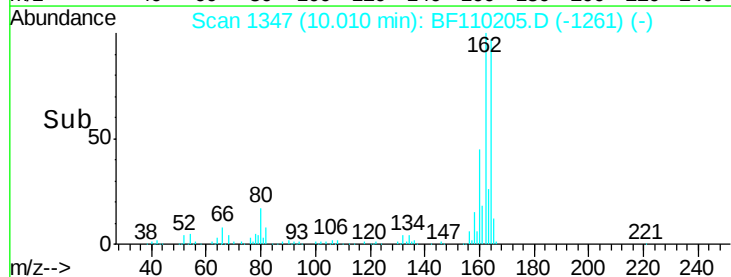


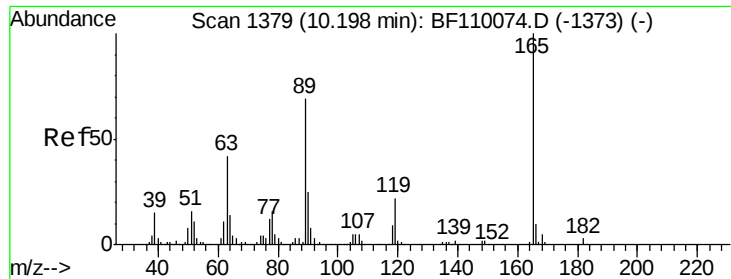
#51
 2,6-Dinitrotoluene
 Concen: 8.075 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.21 min
 Lab File: BF110205.D
 Acq: 26 Oct 2018 12:07

Tgt Ion:165 Resp: 21428
 Ion Ratio Lower Upper
 165 100
 63 2.2 48.9 73.3#
 89 0.0 46.6 69.8#



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

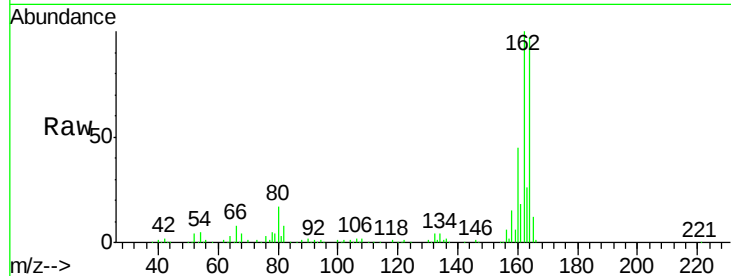




#57
 2,4-Dinitrotoluene
 Concen: 6.357 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.20 min
 Lab File: BF110205.D
 Acq: 26 Oct 2018 12:07

Instrument :
 BNA_F
 ClientSampleId :
 102318-SIDI-F-D-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.2	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

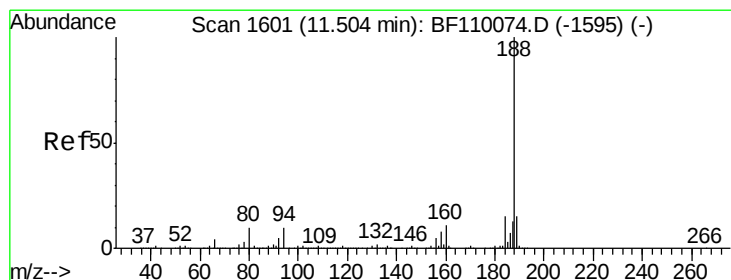
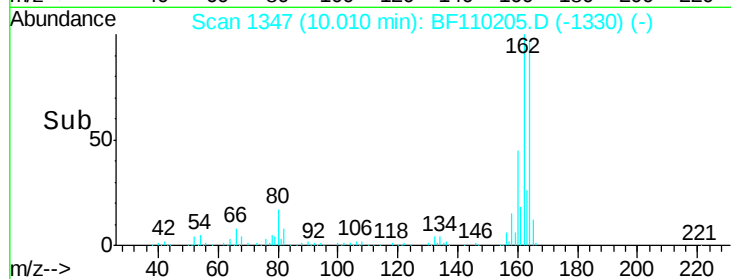
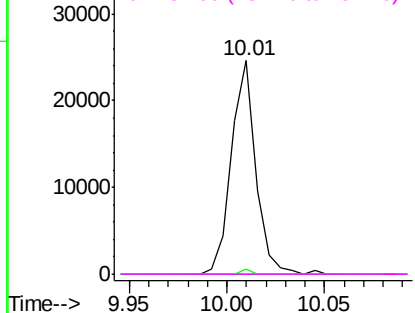


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

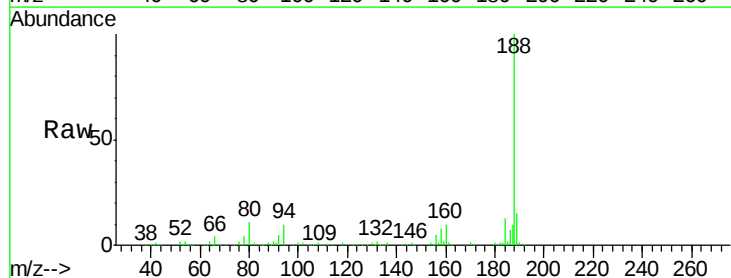
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. -0.02 min
 Lab File: BF110205.D
 Acq: 26 Oct 2018 12:07

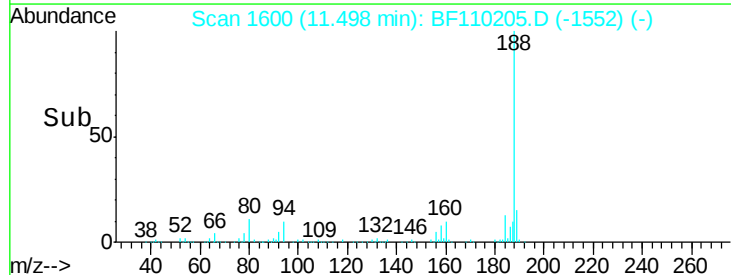
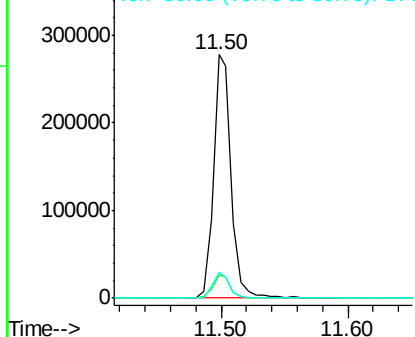
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	7.2	10.8
80	10.6	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

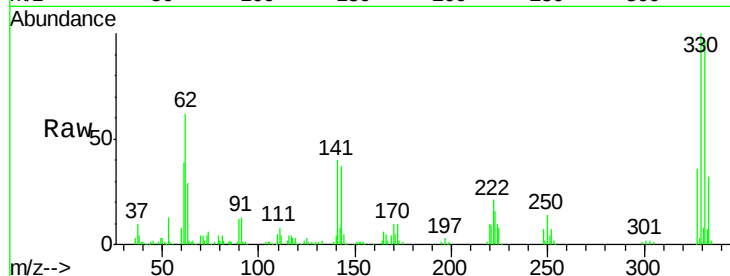




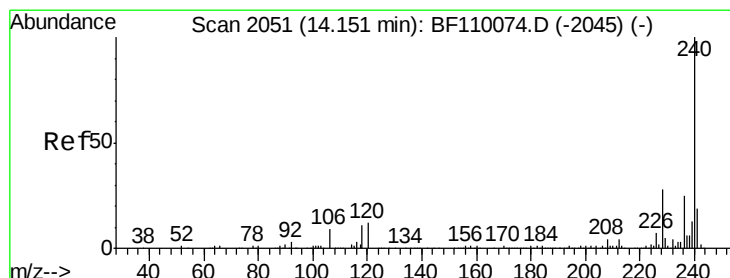
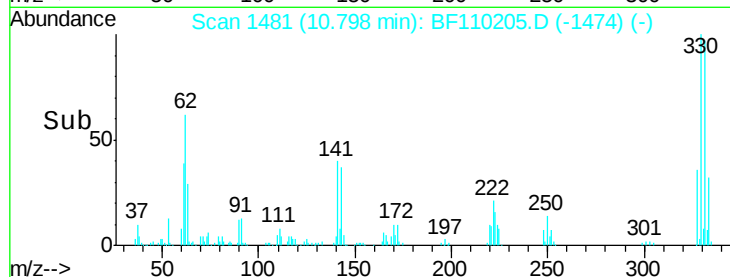
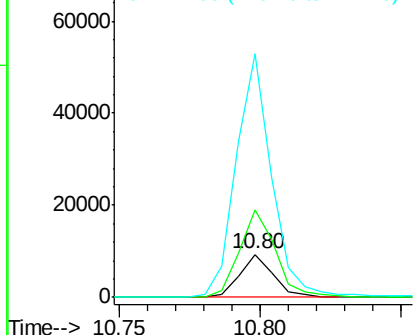
#67
4-Bromophenyl-phenylether
Concen: 2.579 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-D-S

Tgt Ion:248 Resp: 7556
Ion Ratio Lower Upper
248 100
250 204.4 79.4 119.2#
141 570.3 55.9 83.9#

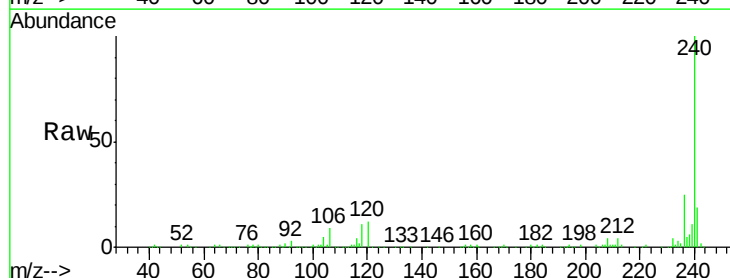


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

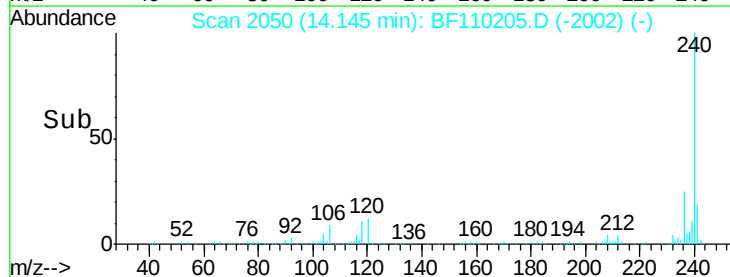
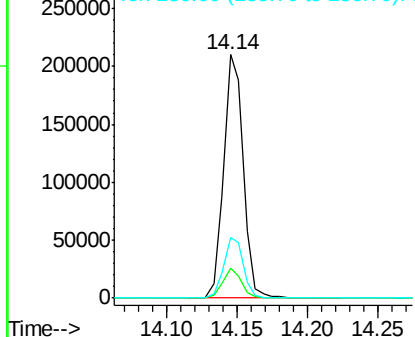


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110205.D
Acq: 26 Oct 2018 12:07

Tgt Ion:240 Resp: 202273
Ion Ratio Lower Upper
240 100
120 12.4 8.3 12.5
236 24.8 21.2 31.8



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





#79

Terphenyl-d14

Concen: 94.892 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110205.D

Acq: 26 Oct 2018 12:07

Instrument :

BNA_F

ClientSampleId :

102318-SIDI-F-D-S

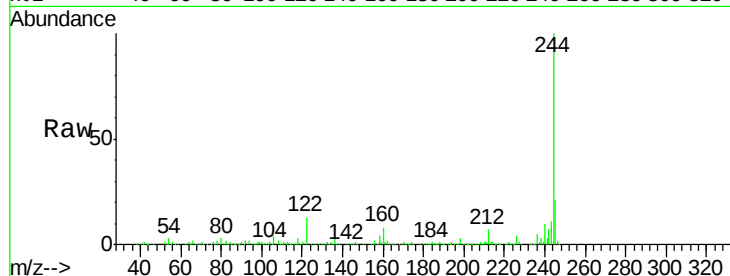
Tgt Ion:244 Resp: 922925

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

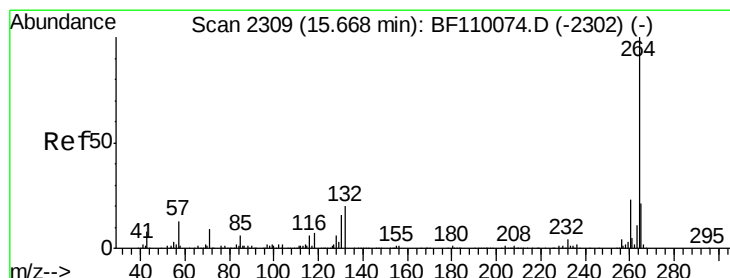
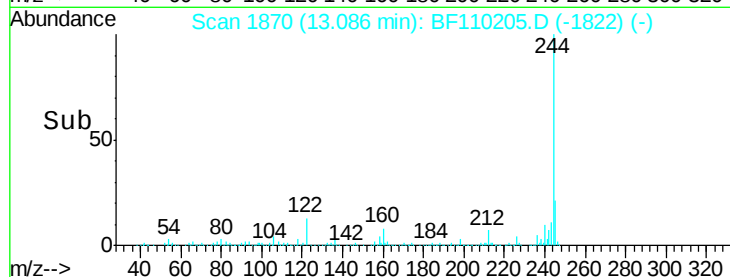
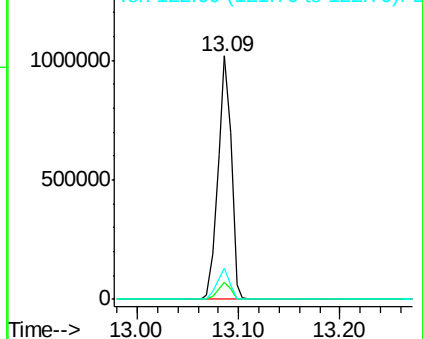
122 12.9 8.7 13.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2310

Delta R.T. -0.02 min

Lab File: BF110205.D

Acq: 26 Oct 2018 12:07

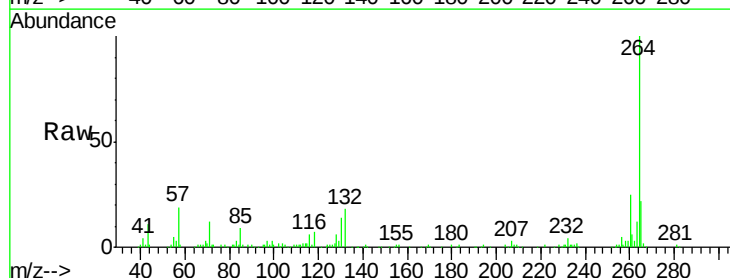
Tgt Ion:264 Resp: 148068

Ion Ratio Lower Upper

264 100

260 24.5 18.7 28.1

265 21.7 16.7 25.1



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

