

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
 Data File : BF110198.D
 Acq On : 26 Oct 2018 8:59
 Operator : JU/SJ
 Sample : J5662-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

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

Quant Time: Oct 26 14:38:54 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

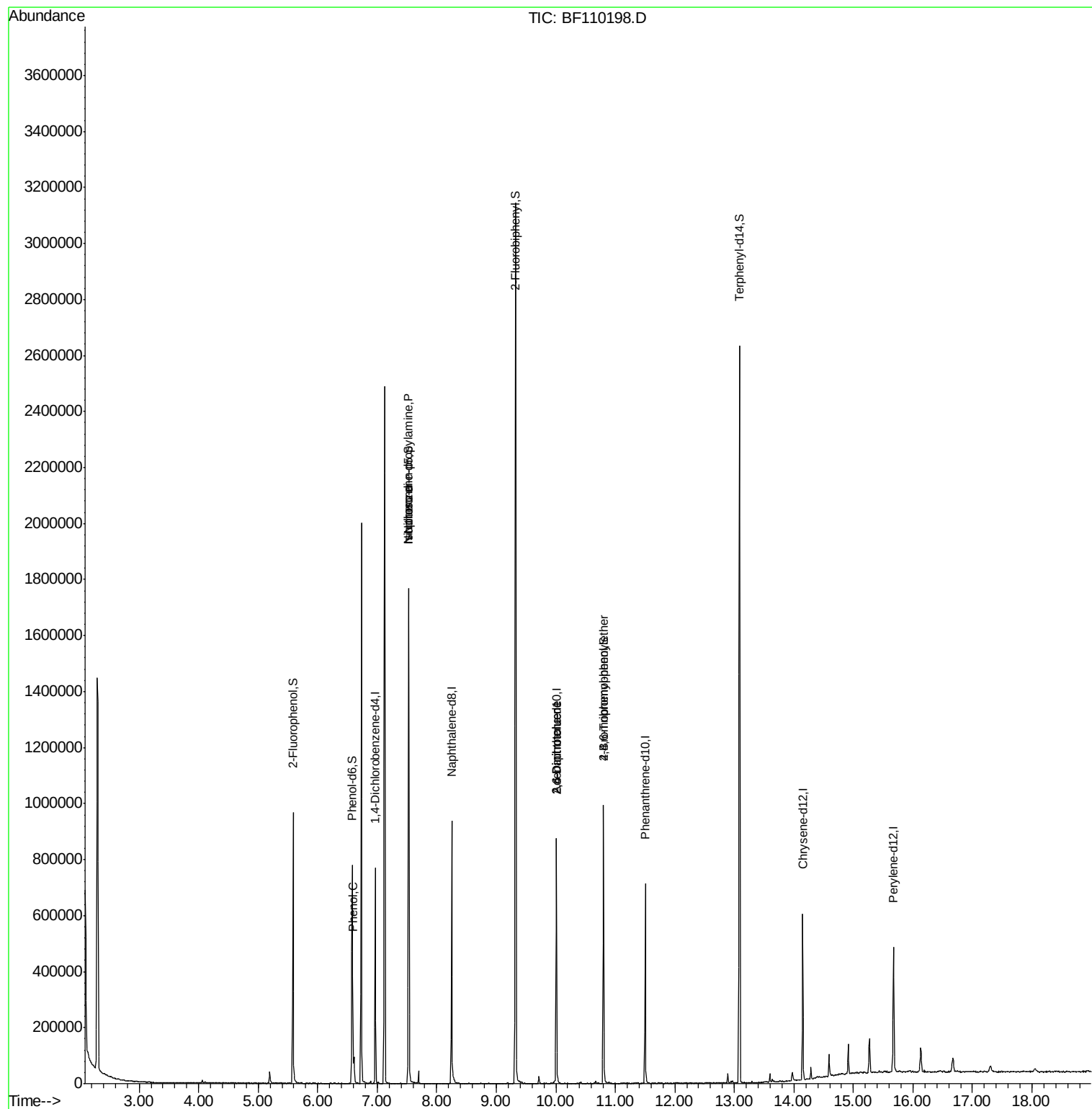
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	115430	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	428802	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	167901	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	278261	20.00	ng	-0.01
76) Chrysene-d12	14.15	240	205374	20.00	ng	-0.01
87) Perylene-d12	15.67	264	153334	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	272814	38.49	ng	-0.01
7) Phenol-d6	6.58	99	227755	25.12	ng	-0.02
23) Nitrobenzene-d5	7.53	82	621389	85.95	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	113948	68.51	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1050127	98.21	ng	-0.01
79) Terphenyl-d14	13.09	244	883631	89.48	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.59	77	728	Below Cal		Qvalue
10) Phenol	6.59	94	39488	4.075 ng	#	1
19) n-Nitroso-di-n-propylamine	7.53	70	81310	13.979 ng	#	65
25) Isophorone	7.53	82	621384	50.423 ng	#	81
51) 2,6-Dinitrotoluene	10.01	165	20800	7.791 ng	#	67
57) 2,4-Dinitrotoluene	10.01	165	20800	6.134 ng	#	23
67) 4-Bromophenyl-phenylether	10.80	248	7132	2.363 ng	#	19
					#	1

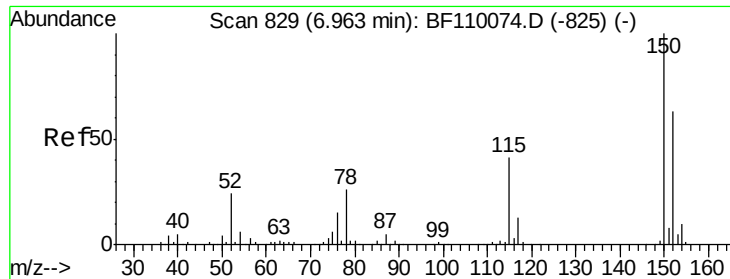
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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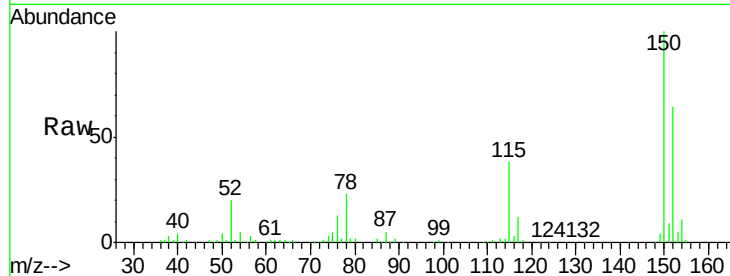


#1

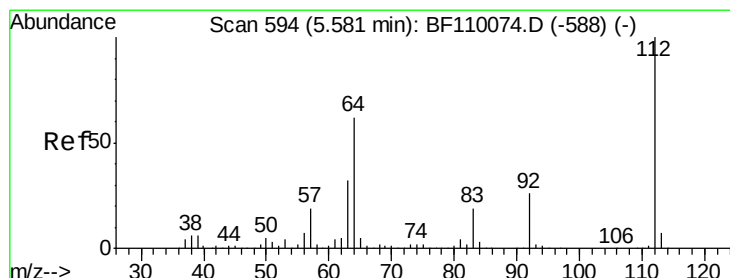
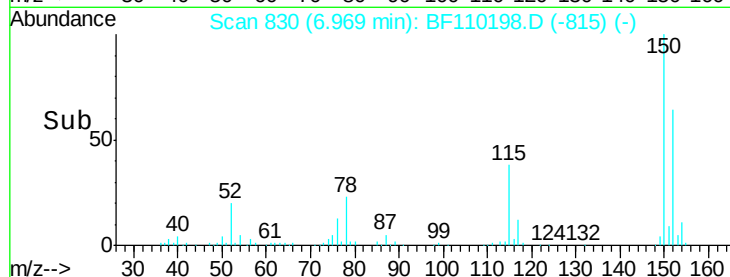
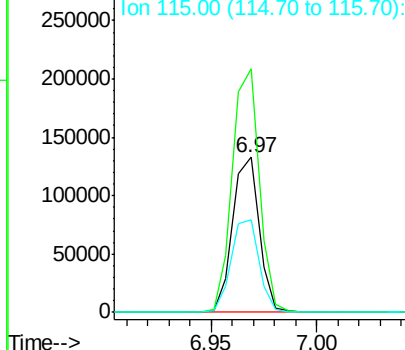
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

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

Tgt Ion:152 Resp: 115430
Ion Ratio Lower Upper
152 100
150 157.4 122.7 184.1
115 59.8 49.1 73.7



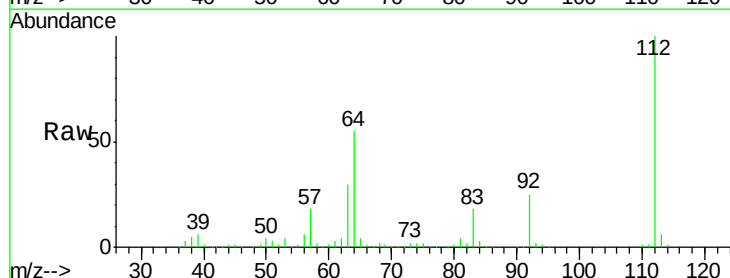
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



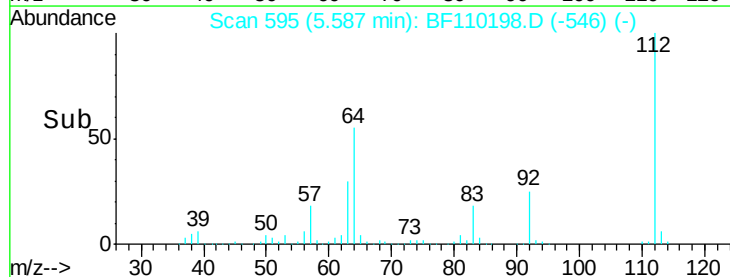
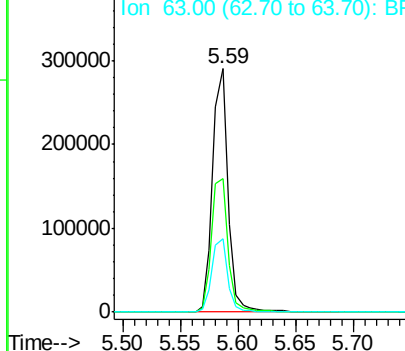
#5

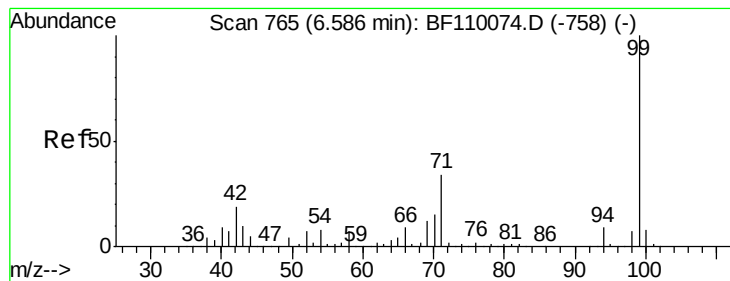
2-Fluorophenol
Concen: 38.488 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Tgt Ion:112 Resp: 272814
Ion Ratio Lower Upper
112 100
64 55.0 44.1 66.1
63 30.0 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: 25.120 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110198.D

Acq: 26 Oct 2018 8:59

Instrument :

BNA_F

ClientSampleId :

102318-SIDI-F-D-M

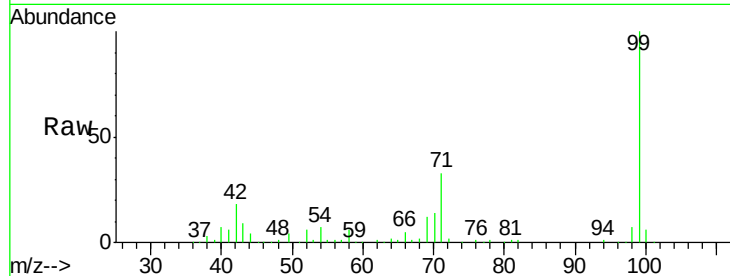
Tgt Ion: 99 Resp: 227755

Ion Ratio Lower Upper

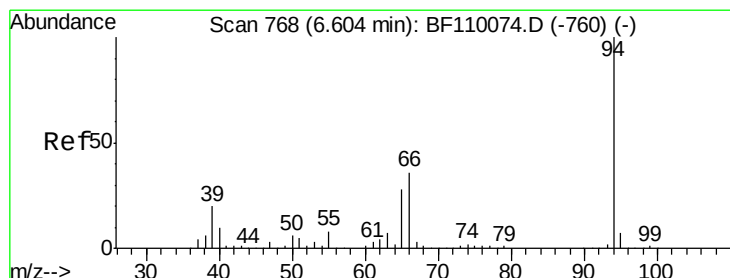
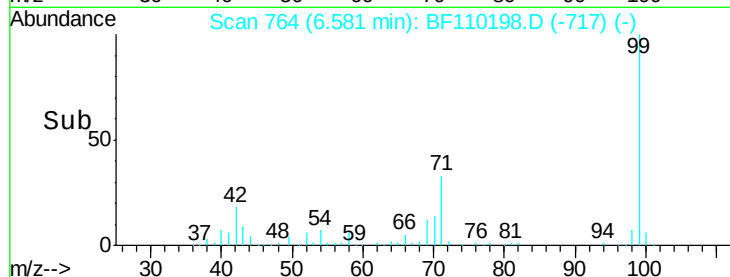
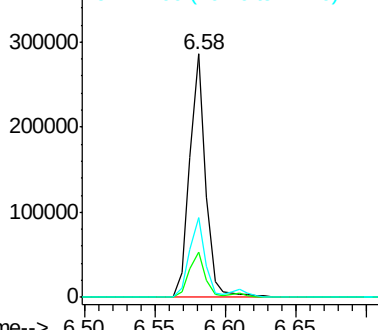
99 100

42 18.4 15.8 23.6

71 33.0 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: 4.075 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110198.D

Acq: 26 Oct 2018 8:59

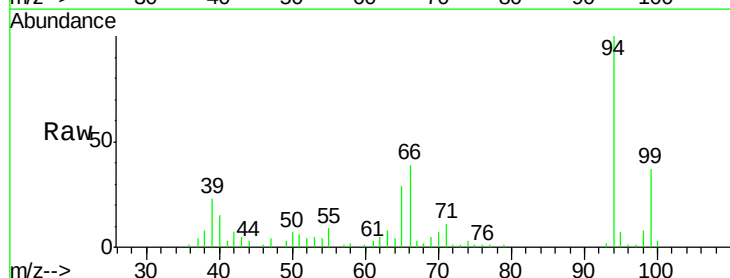
Tgt Ion: 94 Resp: 39488

Ion Ratio Lower Upper

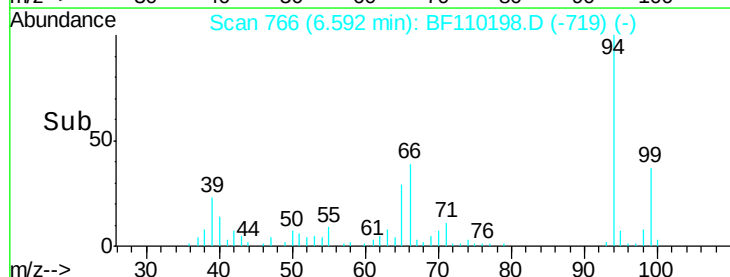
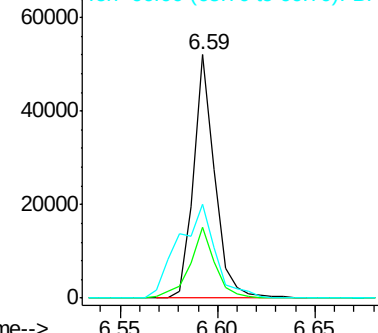
94 100

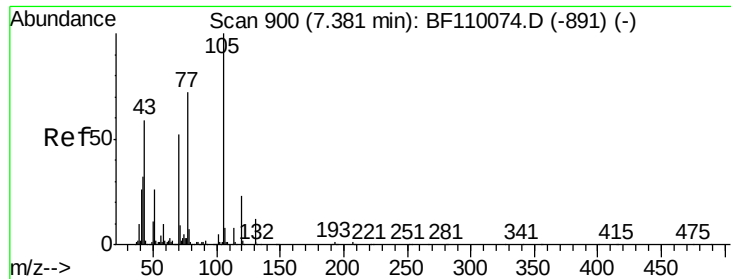
65 29.3 25.3 65.3

66 38.7 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

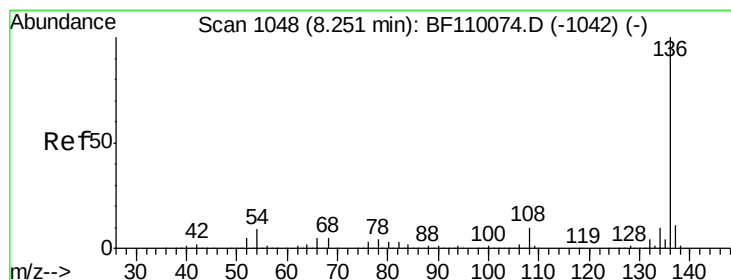
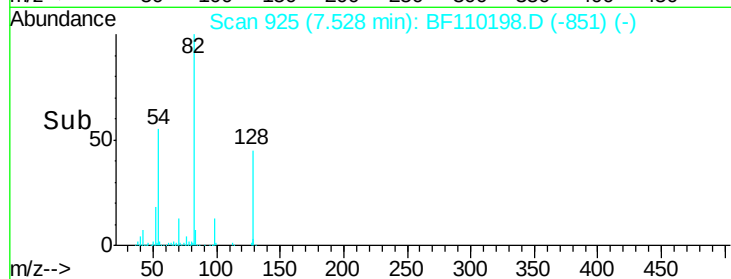
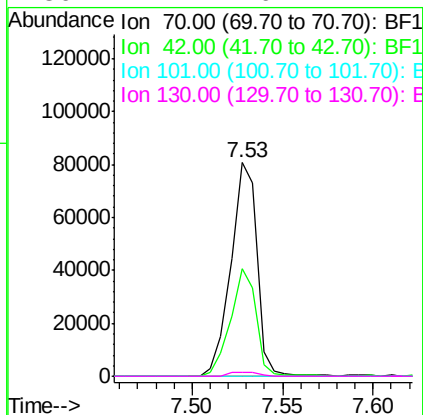
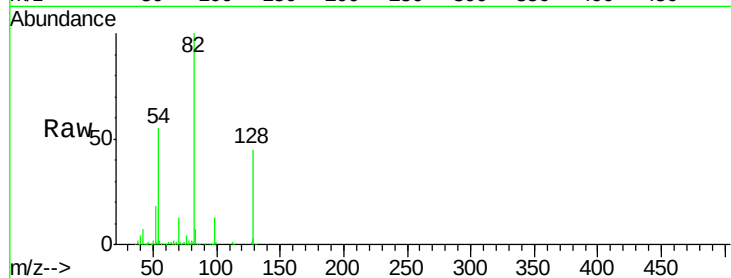




#19
n-Nitroso-di-n-propylamine
Concen: 13.979 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

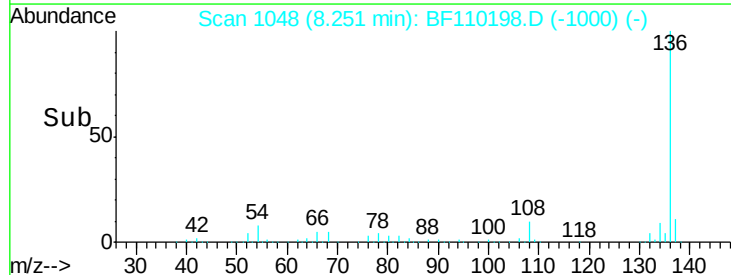
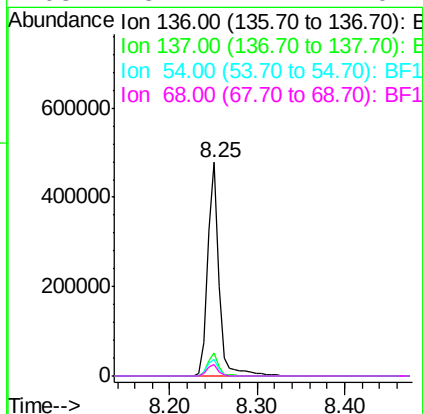
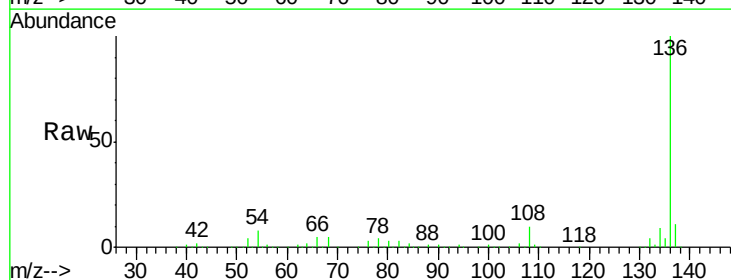
Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-D-M

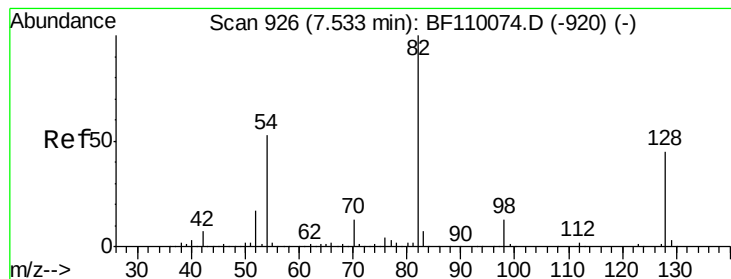
Tgt Ion: 70 Resp: 81310
Ion Ratio Lower Upper
70 100
42 50.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Tgt Ion: 136 Resp: 428802
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.9 5.4 8.2
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 85.952 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.02 min

Lab File: BF110198.D

Acq: 26 Oct 2018 8:59

Instrument :

BNA_F

ClientSampleId :

102318-SIDI-F-D-M

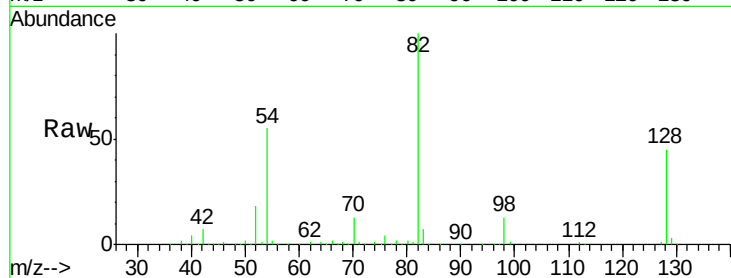
Tgt Ion: 82 Resp: 621389

Ion Ratio Lower Upper

82 100

128 44.8 34.2 51.2

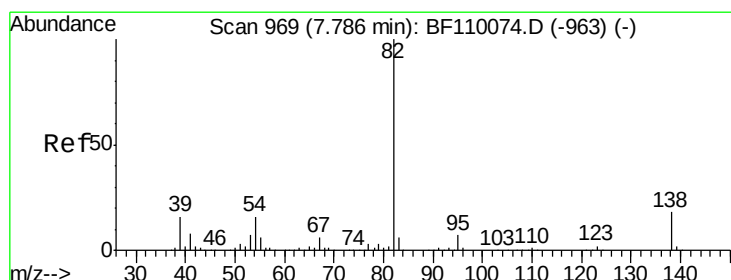
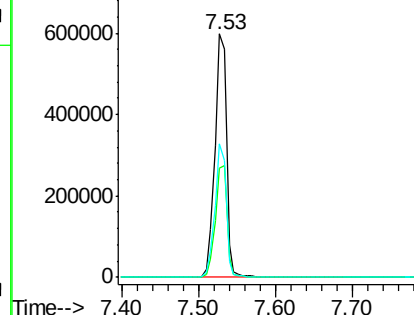
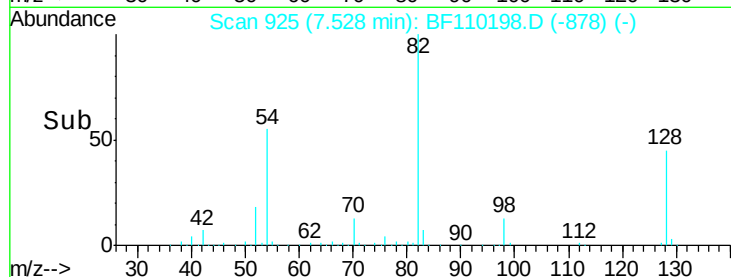
54 54.7 38.6 58.0



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: 50.423 ng

RT: 7.53 min Scan# 925

Delta R.T. -0.28 min

Lab File: BF110198.D

Acq: 26 Oct 2018 8:59

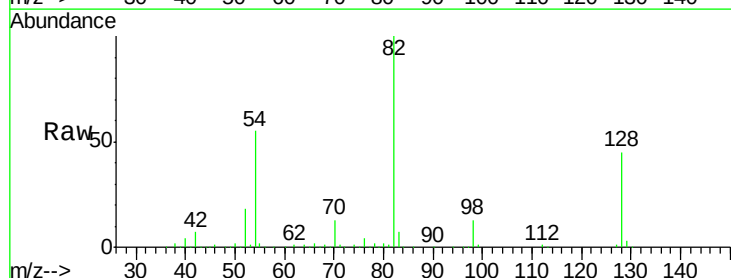
Tgt Ion: 82 Resp: 621384

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

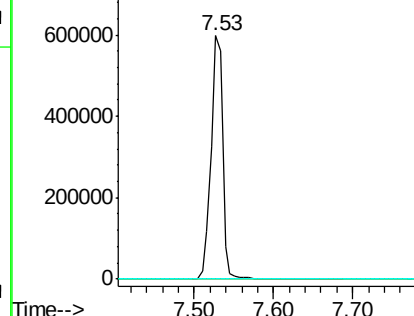
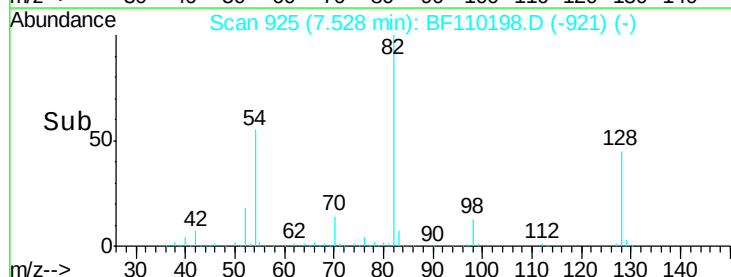
138 0.0 13.2 19.8#

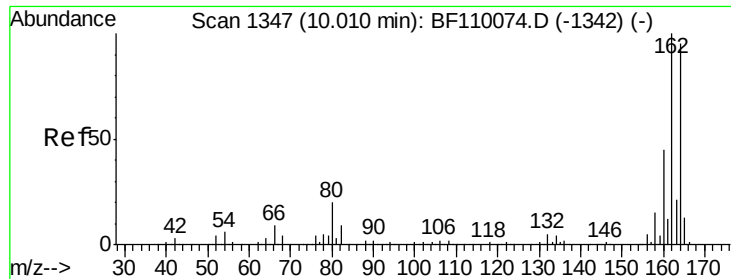


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF110198.D

Acq: 26 Oct 2018 8:59

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ClientSampleId :

102318-SIDI-F-D-M

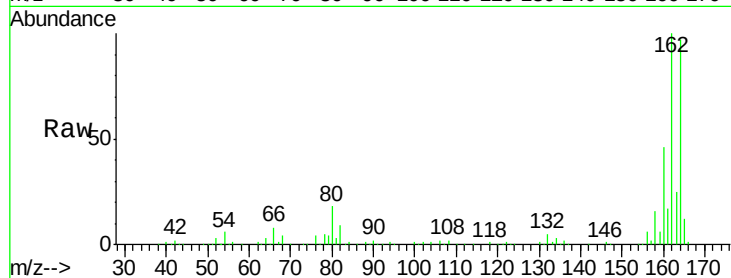
Tgt Ion:164 Resp: 167901

Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.6

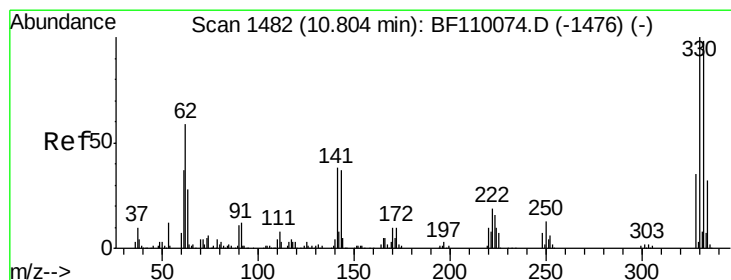
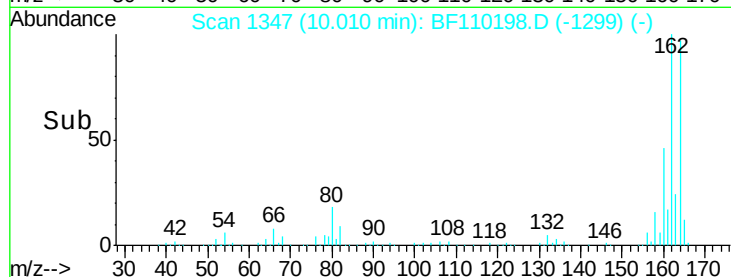
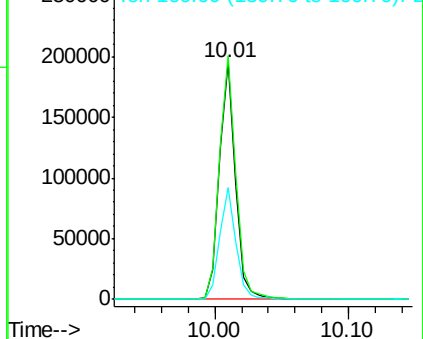
160 47.1 37.0 55.6



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: 68.513 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110198.D

Acq: 26 Oct 2018 8:59

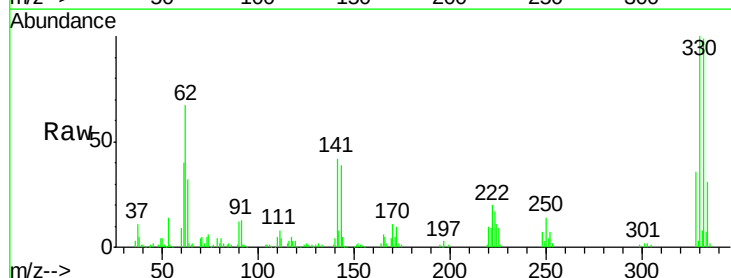
Tgt Ion:330 Resp: 113948

Ion Ratio Lower Upper

330 100

332 98.3 77.1 115.7

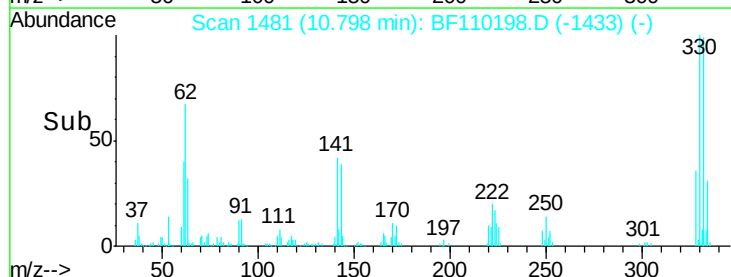
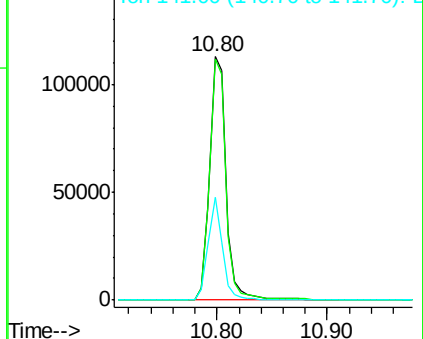
141 36.6 27.0 40.4

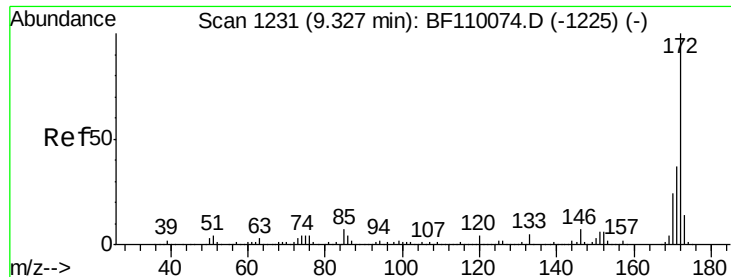


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

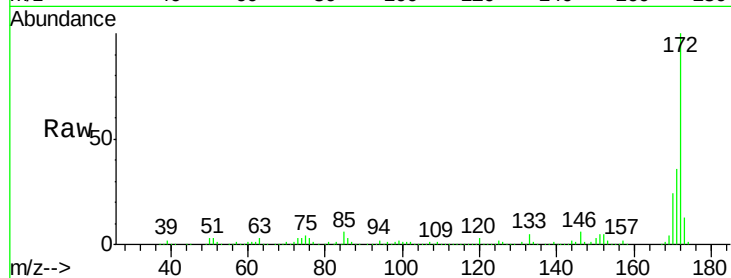




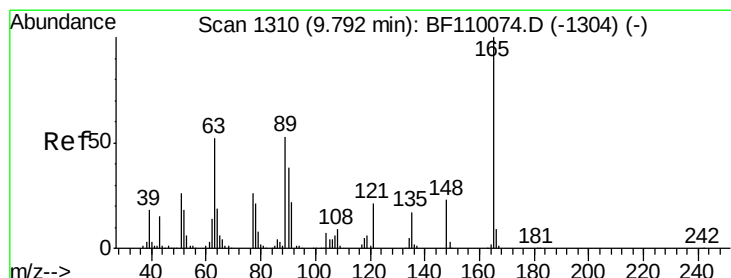
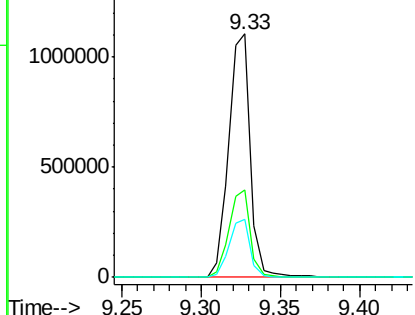
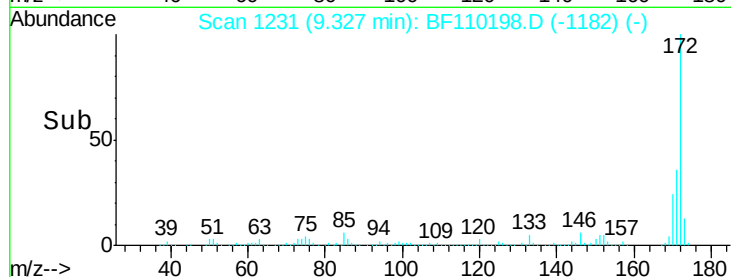
#45
2-Fluorobiphenyl
Concen: 98.211 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Instrument :
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Tgt Ion:172 Resp: 1050127
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.6 19.7 29.5

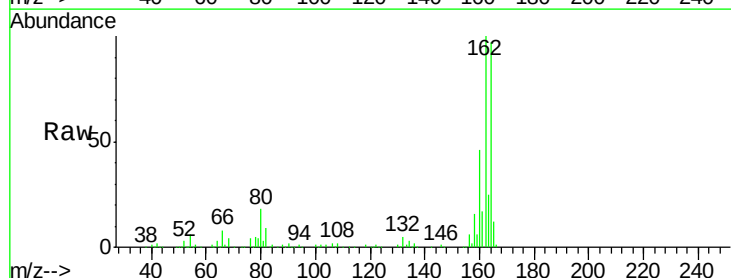


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

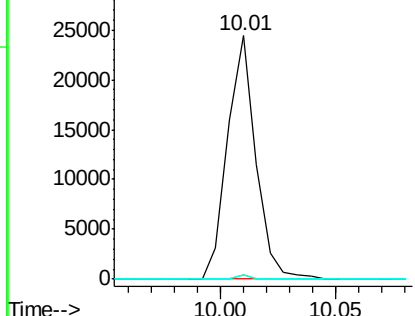
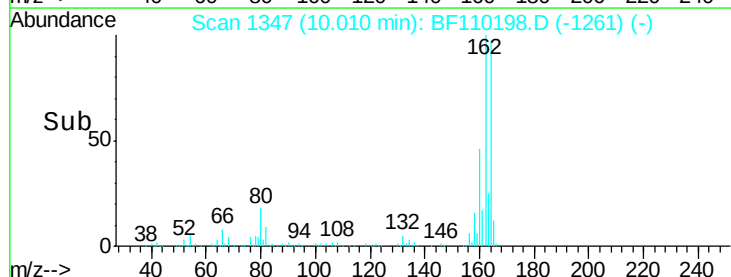


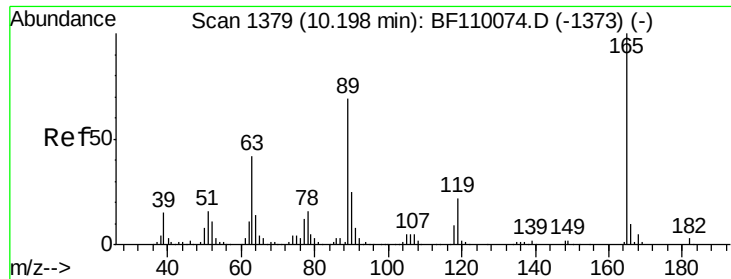
#51
2,6-Dinitrotoluene
Concen: 7.791 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.21 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Tgt Ion:165 Resp: 20800
Ion Ratio Lower Upper
165 100
63 1.6 48.9 73.3#
89 1.8 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

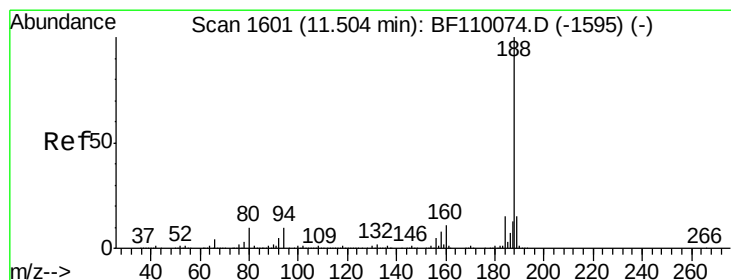
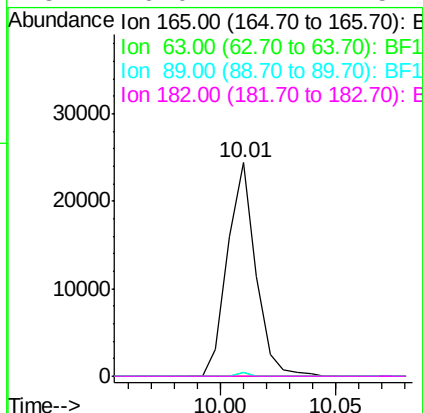
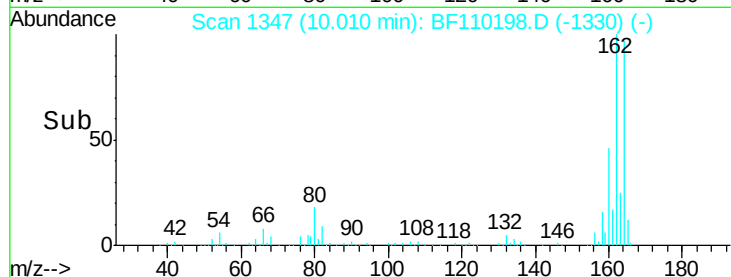
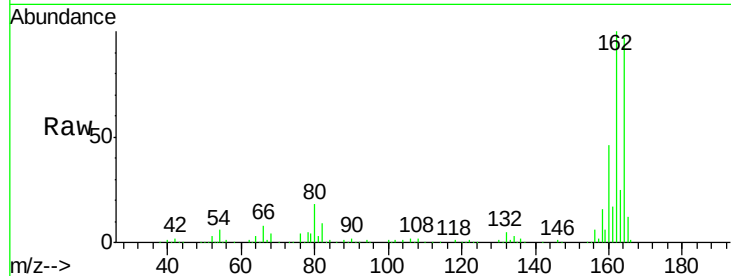




#57
2,4-Dinitrotoluene
Concen: 6.134 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.20 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

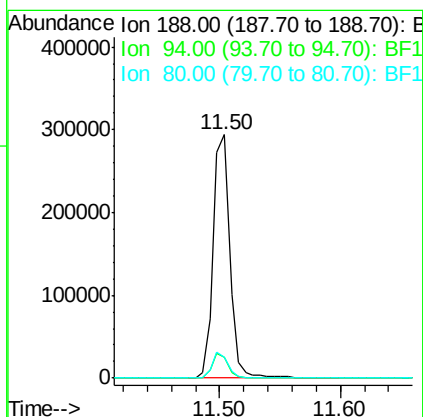
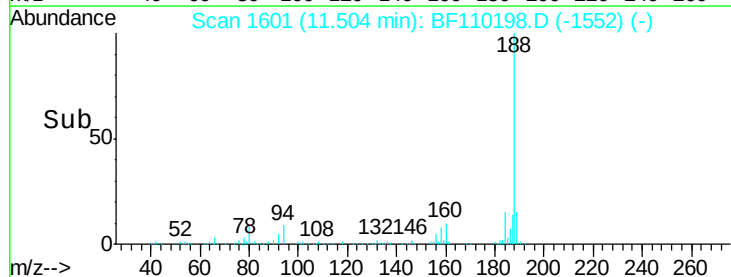
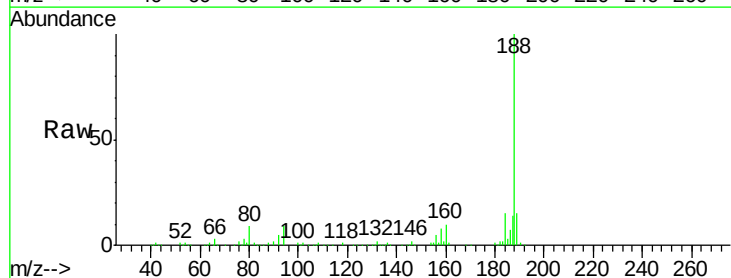
Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-D-M

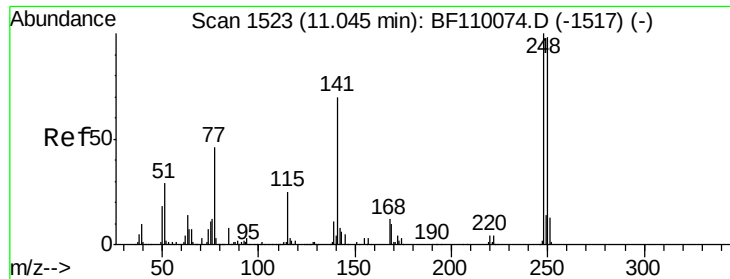
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.8	67.2#
89	1.8	62.2	93.4#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110198.D
Acq: 26 Oct 2018 8:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	8.8	7.9	11.9

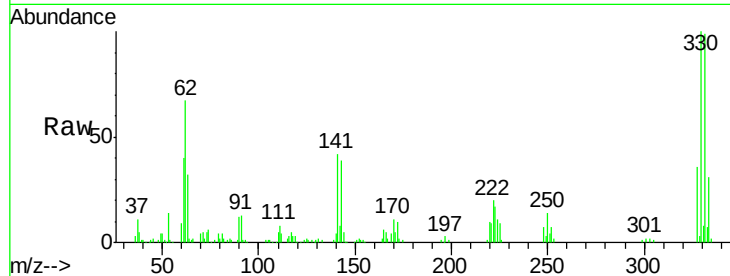




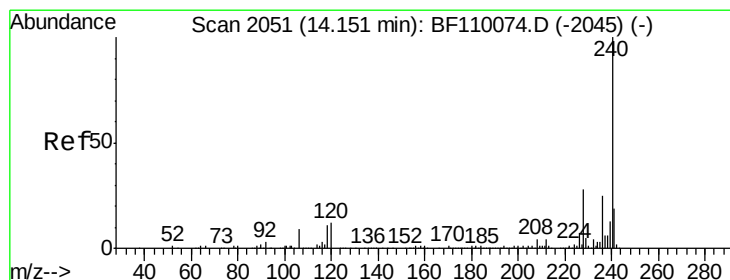
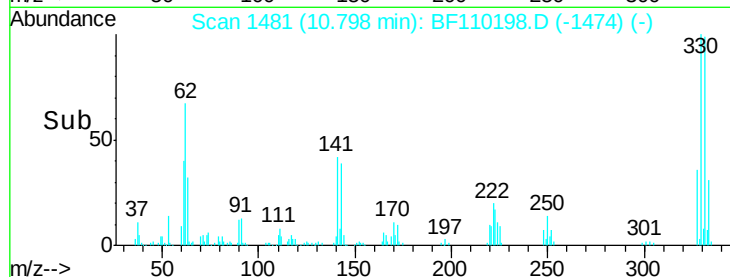
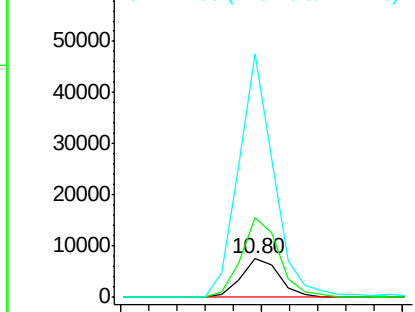
#67
 4-Bromophenyl-phenylether
 Concen: 2.363 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.26 min
 Lab File: BF110198.D
 Acq: 26 Oct 2018 8:59

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

Tgt Ion: 248 Resp: 7132
 Ion Ratio Lower Upper
 248 100
 250 207.5 79.4 119.2#
 141 630.7 55.9 83.9#

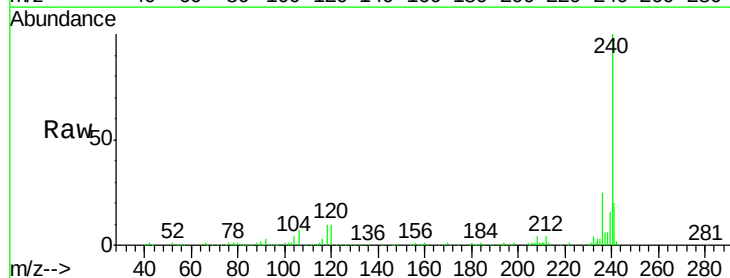


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

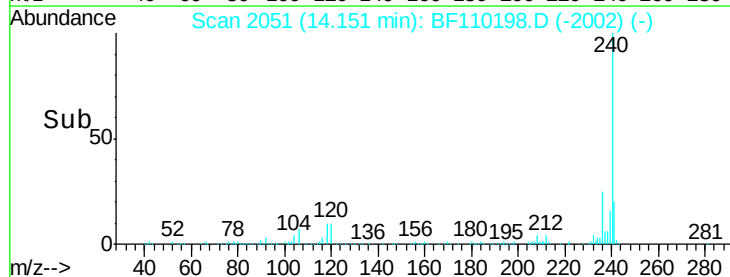
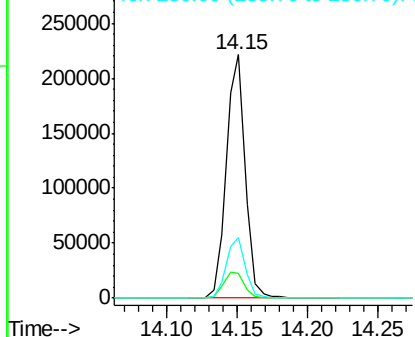


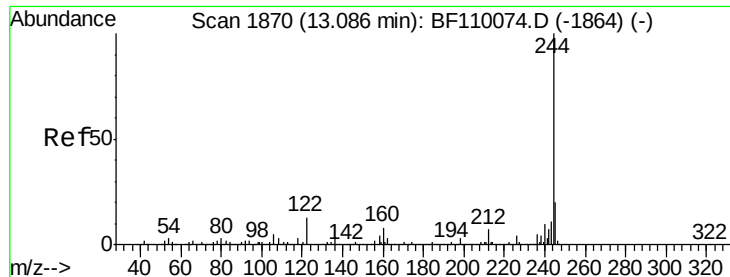
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110198.D
 Acq: 26 Oct 2018 8:59

Tgt Ion: 240 Resp: 205374
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.3 12.5
 236 24.9 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: 89.481 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110198.D

Acq: 26 Oct 2018 8:59

Instrument :

BNA_F

ClientSampleId :

102318-SIDI-F-D-M

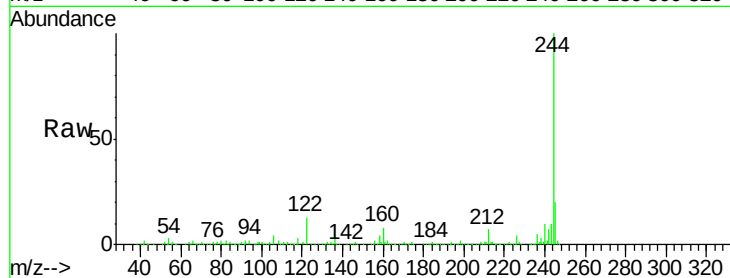
Tgt Ion:244 Resp: 883631

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

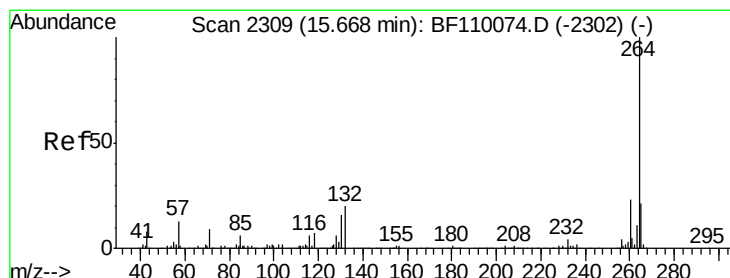
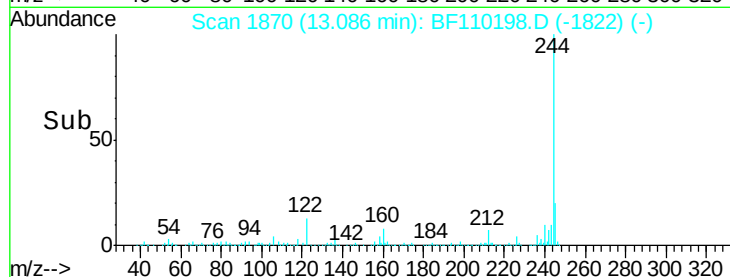
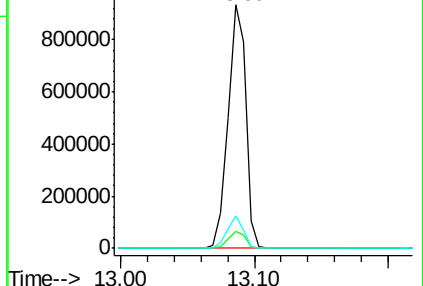
122 13.2 8.7 13.1#



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: BF110198.D

Acq: 26 Oct 2018 8:59

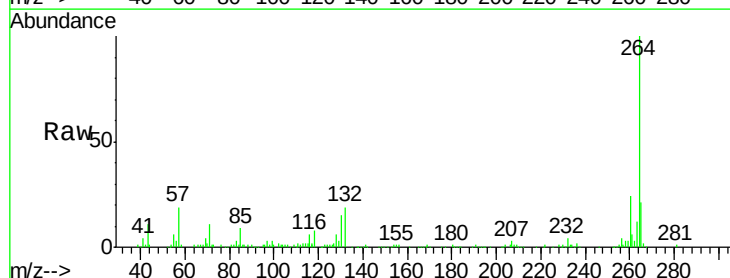
Tgt Ion:264 Resp: 153334

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 21.2 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

