

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
 Data File : BF110200.D
 Acq On : 26 Oct 2018 9:53
 Operator : JU/SJ
 Sample : J5662-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102318-SIDI-F-U-B

Quant Time: Oct 26 14:39:26 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

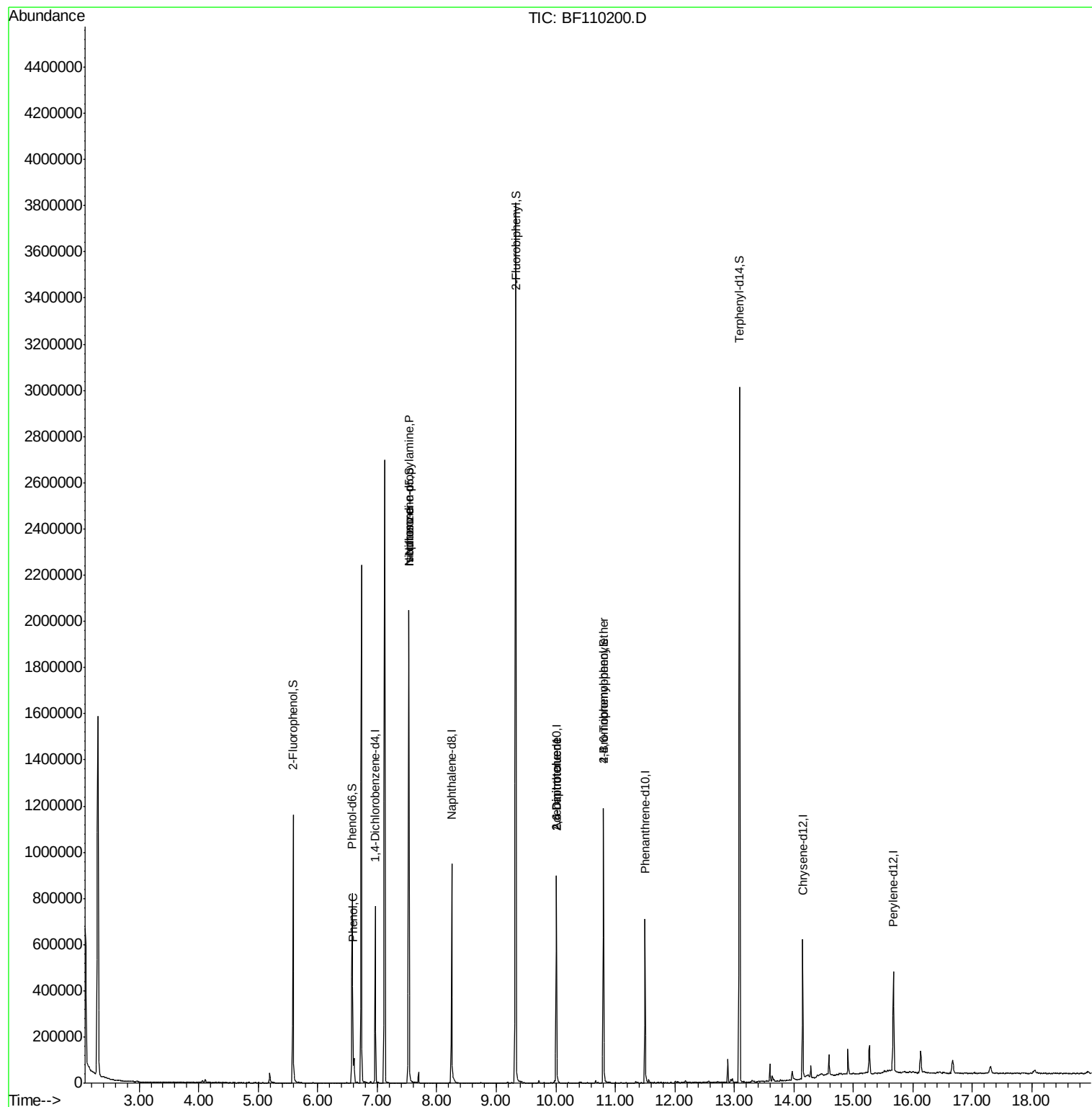
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	117497	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	433110	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	172108	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	282591	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	208647	20.00	ng	-0.02
87) Perylene-d12	15.67	264	156558	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	303552	42.07	ng	-0.01
7) Phenol-d6	6.58	99	240863	26.10	ng	-0.02
23) Nitrobenzene-d5	7.53	82	706992	96.82	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	132190	77.54	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1180043	107.66	ng	-0.01
79) Terphenyl-d14	13.09	244	973177	97.00	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	24732	2.507	ng	# 67
19) n-Nitroso-di-n-propylamine	7.53	70	93085	15.722	ng	# 80
25) Isophorone	7.53	82	706982	56.799	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	21169	7.735	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	21169	6.090	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	8613	2.810	ng	# 1

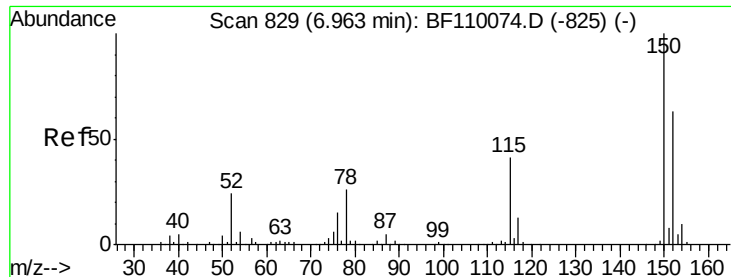
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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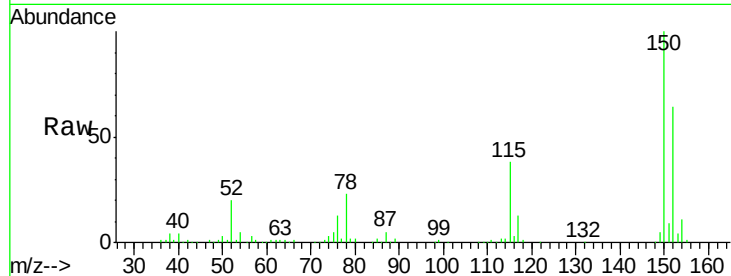


#1

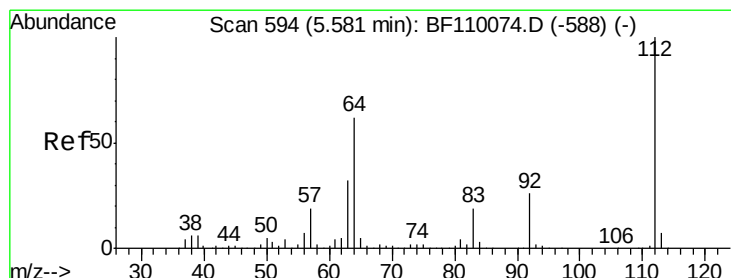
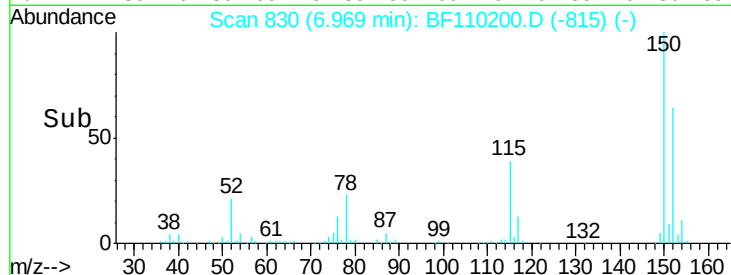
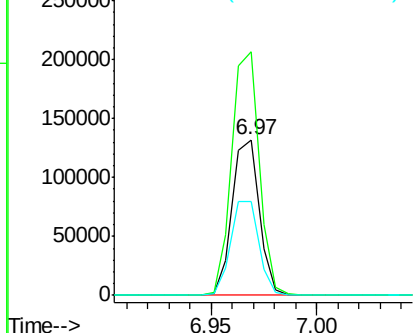
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

Tgt Ion:152 Resp: 117497
Ion Ratio Lower Upper
152 100
150 156.2 122.7 184.1
115 60.1 49.1 73.7



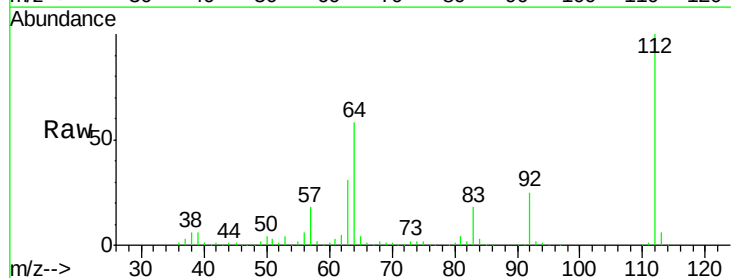
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



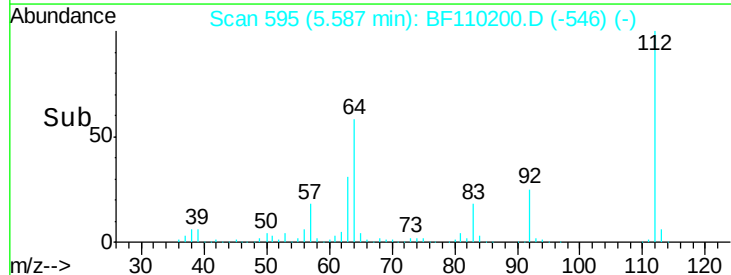
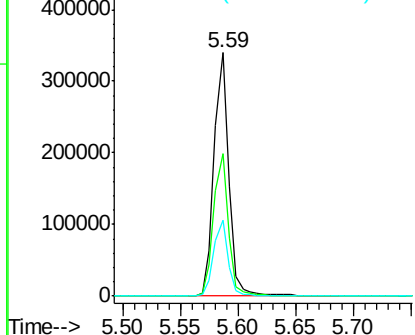
#5

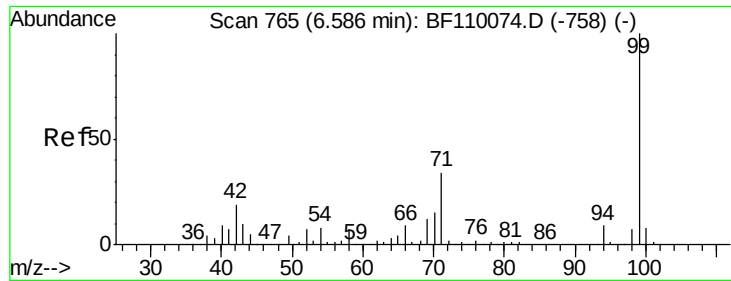
2-Fluorophenol
Concen: 42.071 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Tgt Ion:112 Resp: 303552
Ion Ratio Lower Upper
112 100
64 58.4 44.1 66.1
63 31.3 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: 26.099 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110200.D

Acq: 26 Oct 2018 9:53

Instrument :

BNA_F

ClientSampleId :

102318-SIDI-F-U-B

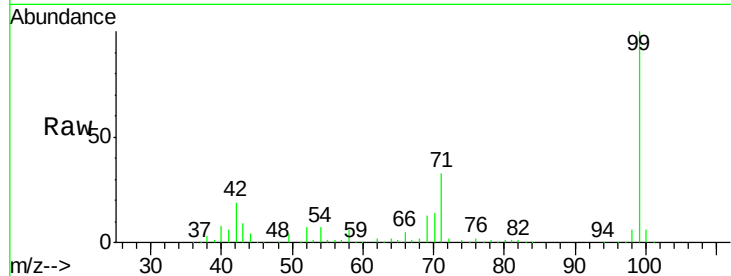
Tgt Ion: 99 Resp: 240863

Ion Ratio Lower Upper

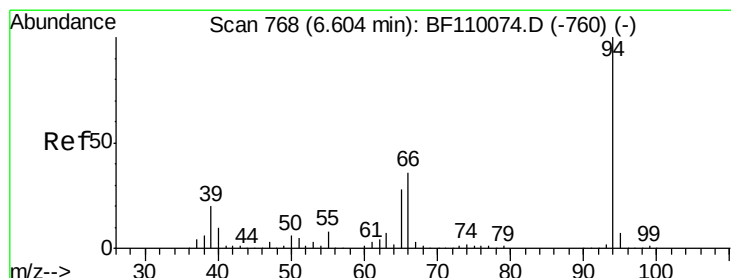
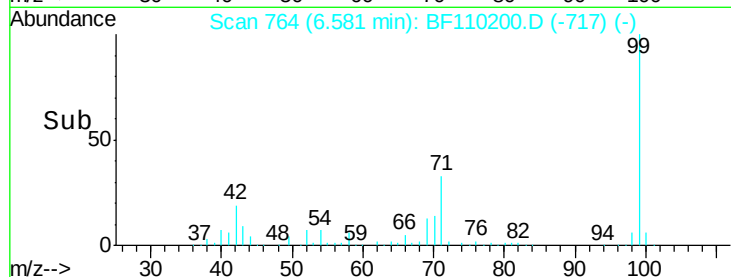
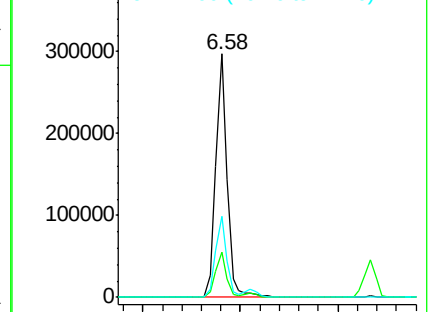
99 100

42 18.8 15.8 23.6

71 33.3 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: 2.507 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110200.D

Acq: 26 Oct 2018 9:53

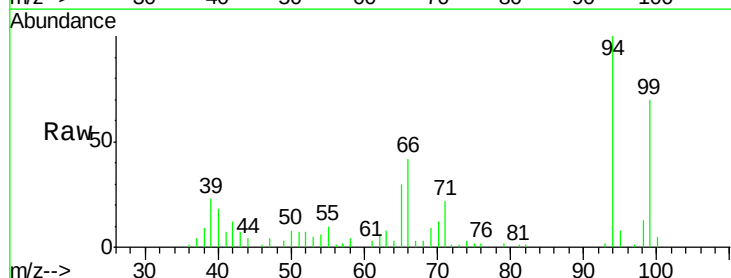
Tgt Ion: 94 Resp: 24732

Ion Ratio Lower Upper

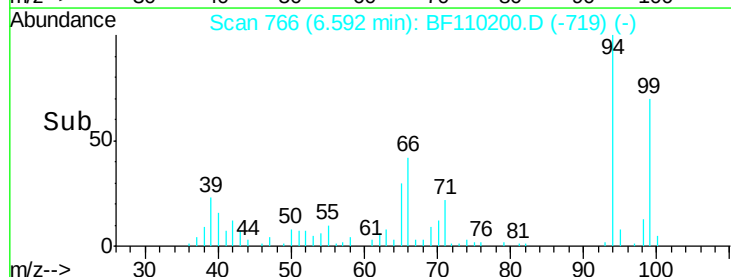
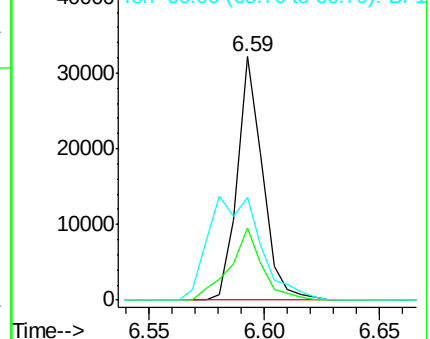
94 100

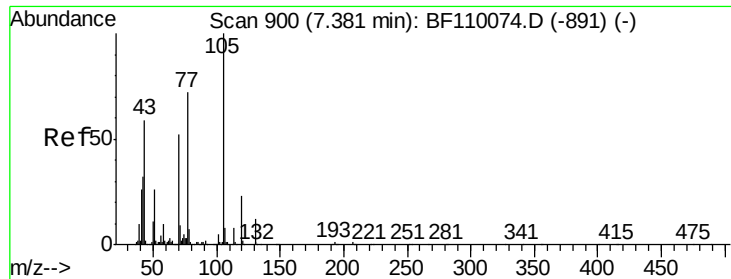
65 29.7 25.3 65.3

66 42.4 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

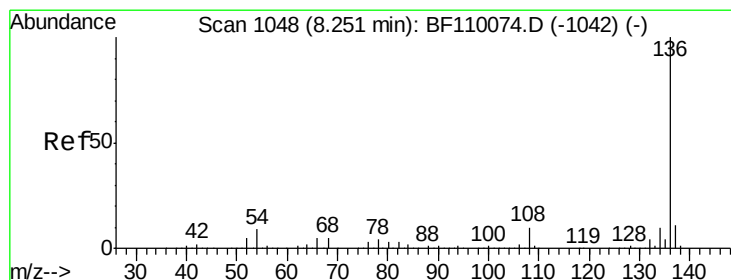
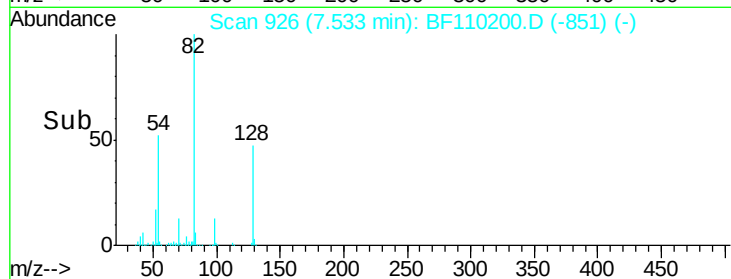
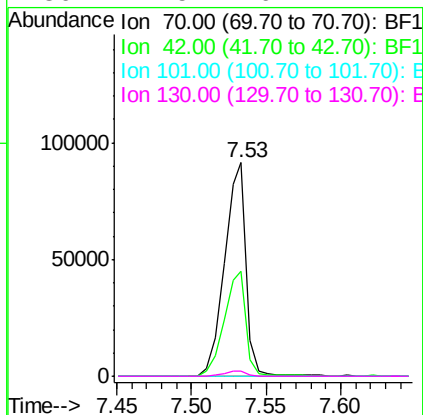
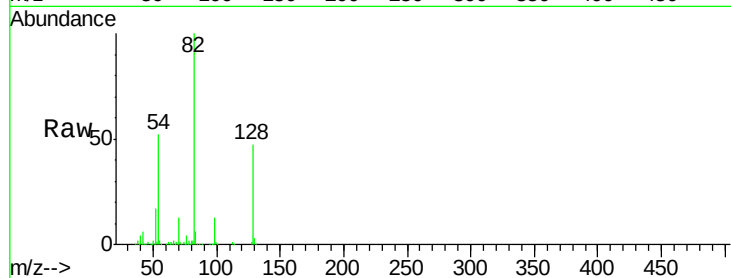




#19
n-Nitroso-di-n-propylamine
Concen: 15.722 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

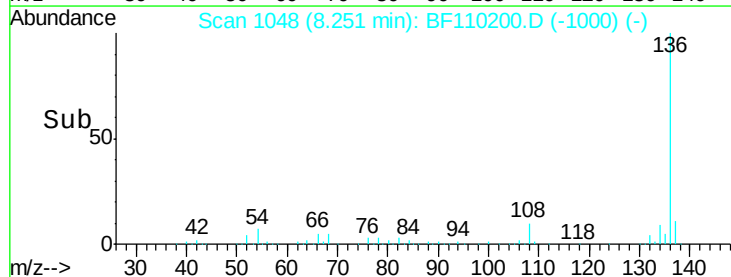
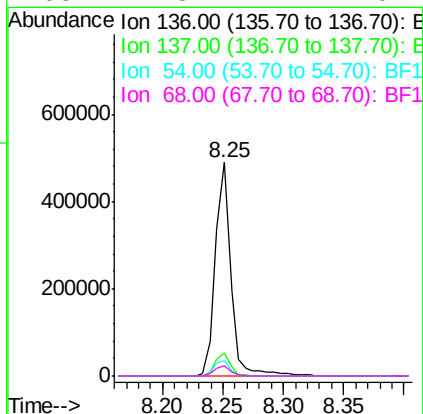
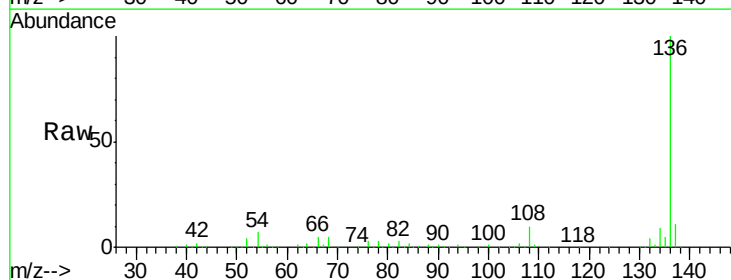
Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

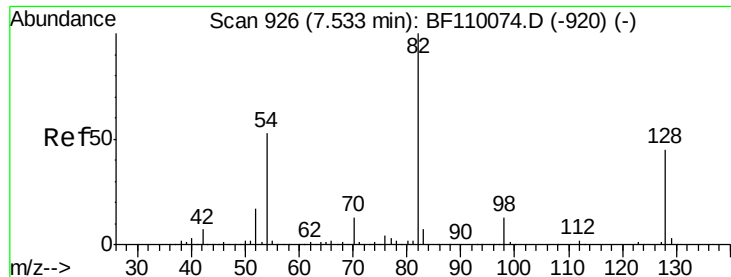
Tgt Ion: 70 Resp: 93085
Ion Ratio Lower Upper
70 100
42 49.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Tgt Ion: 136 Resp: 433110
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.5 5.4 8.2
68 4.8 4.2 6.2

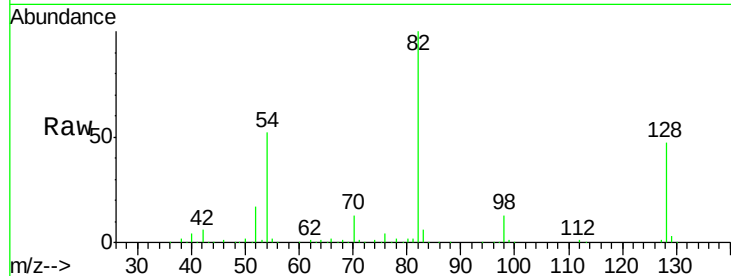




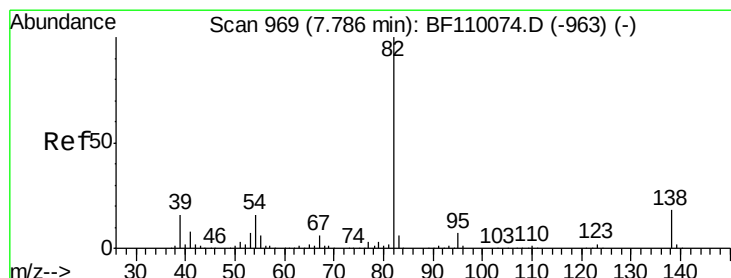
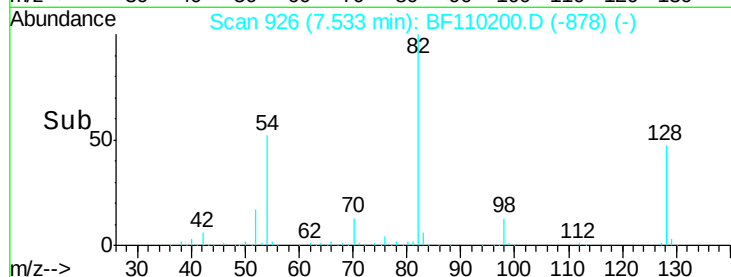
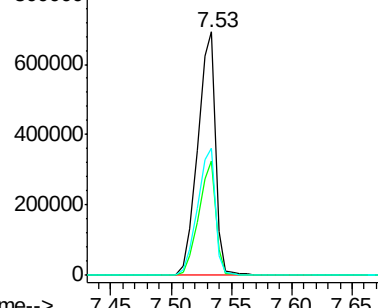
#23
 Nitrobenzene-d5
 Concen: 96.821 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110200.D
 Acq: 26 Oct 2018 9:53

Instrument :
 BNA_F
 ClientSampleId :
 102318-SIDI-F-U-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.2	51.2
54	52.3	38.6	58.0

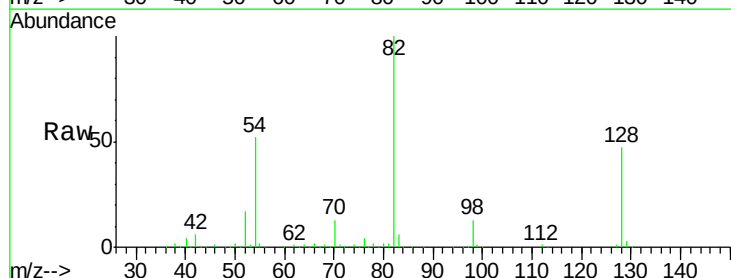


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

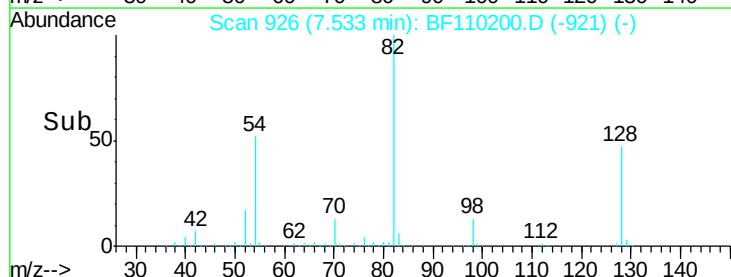
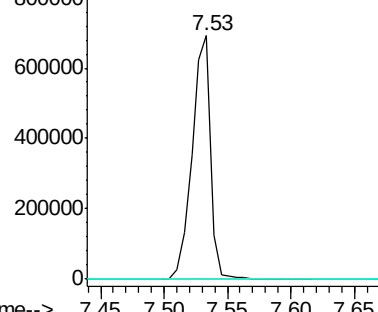


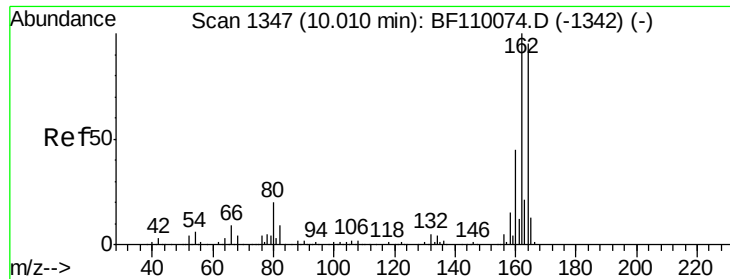
#25
 Isophorone
 Concen: 56.799 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.27 min
 Lab File: BF110200.D
 Acq: 26 Oct 2018 9:53

Tgt 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: BF110200.D

Acq: 26 Oct 2018 9:53

Instrument :

BNA_F

ClientSampleId :

102318-SIDI-F-U-B

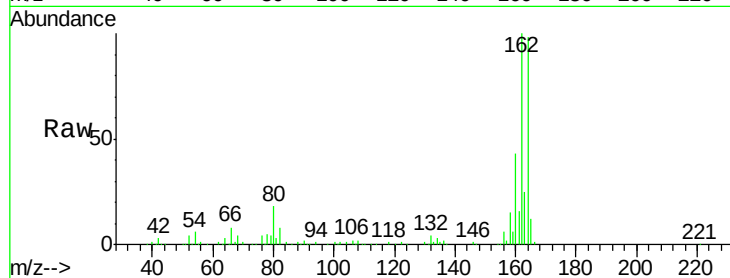
Tgt Ion:164 Resp: 172108

Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.6

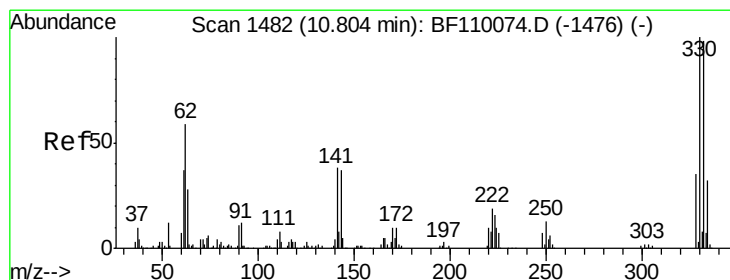
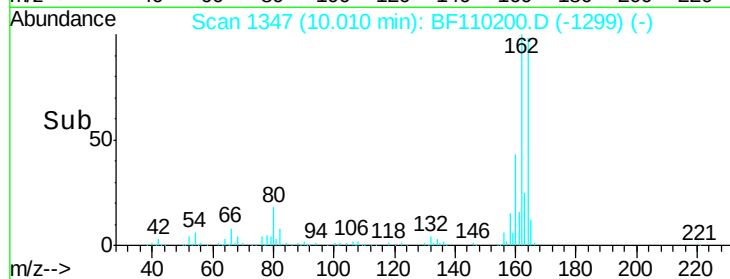
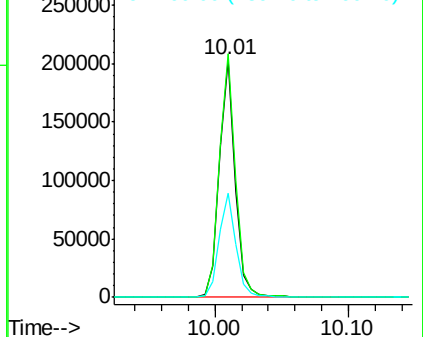
160 44.1 37.0 55.6



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: 77.538 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110200.D

Acq: 26 Oct 2018 9:53

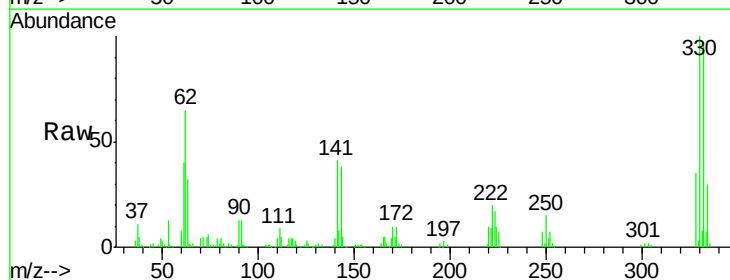
Tgt Ion:330 Resp: 132190

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

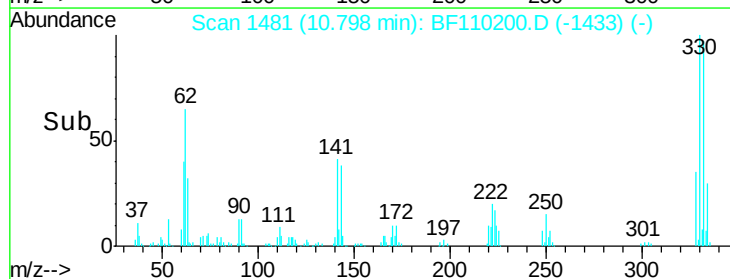
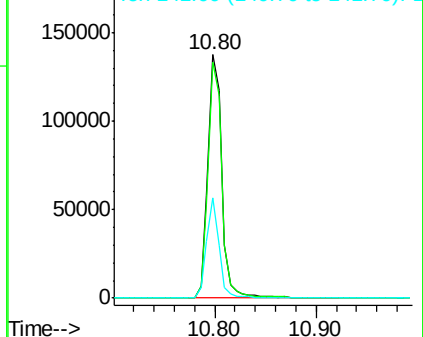
141 37.0 27.0 40.4

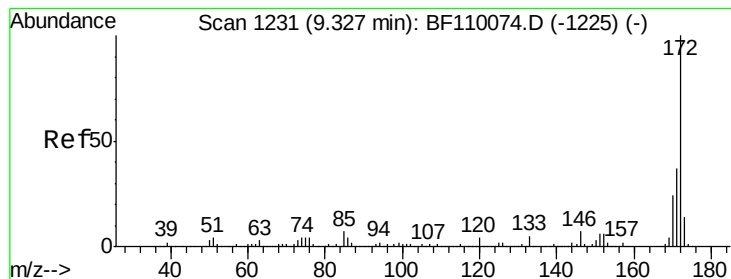


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 107.663 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110200.D

Acq: 26 Oct 2018 9:53

Instrument :

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ClientSampleId :

102318-SIDI-F-U-B

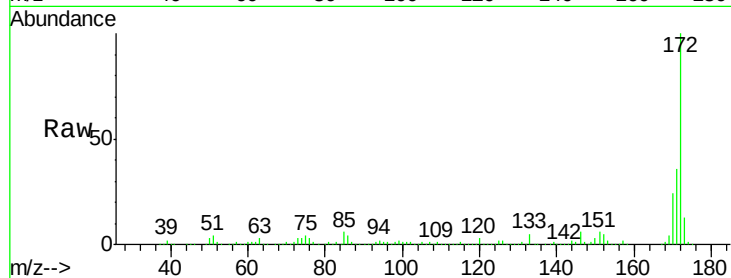
Tgt Ion:172 Resp: 1180043

Ion Ratio Lower Upper

172 100

171 35.7 28.6 43.0

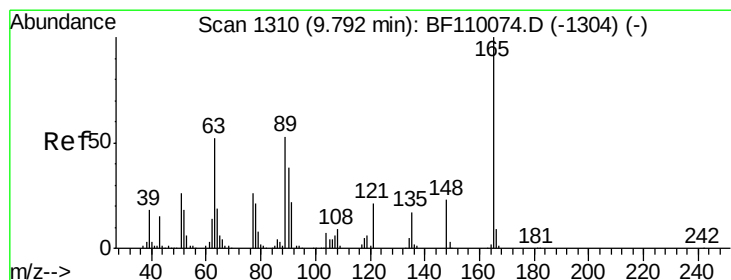
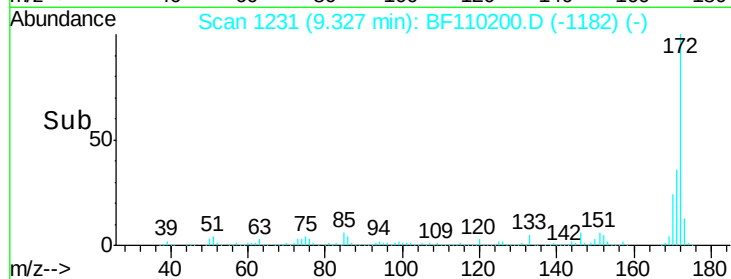
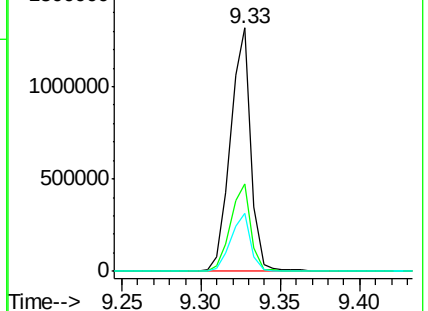
170 24.0 19.7 29.5



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: 7.735 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.21 min

Lab File: BF110200.D

Acq: 26 Oct 2018 9:53

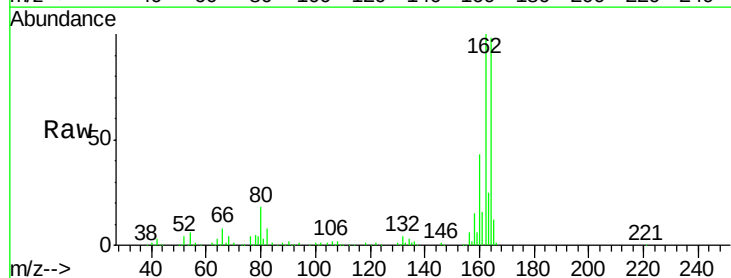
Tgt Ion:165 Resp: 21169

Ion Ratio Lower Upper

165 100

63 1.4 48.9 73.3#

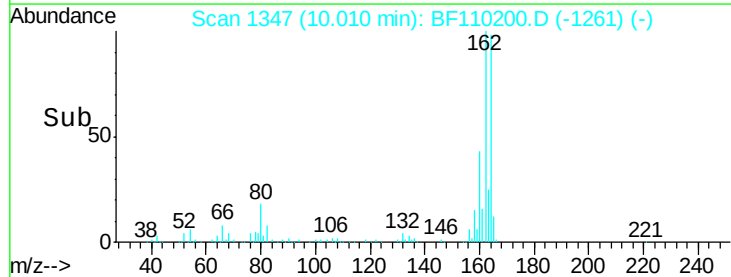
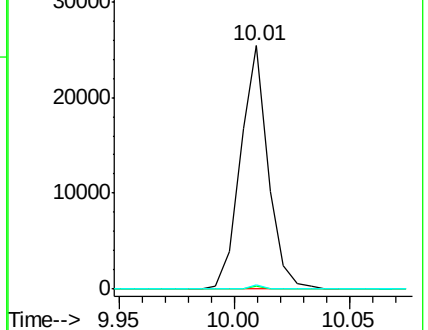
89 1.6 46.6 69.8#

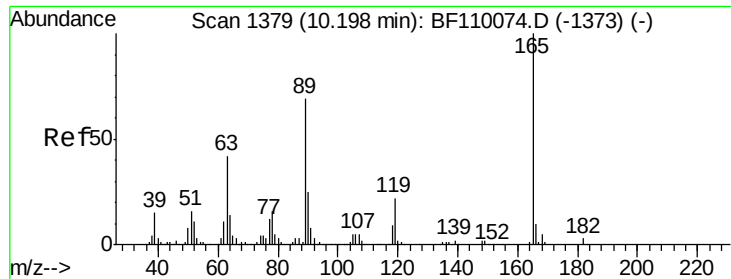


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#57

2,4-Dinitrotoluene

Concen: 6.090 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110200.D

Acq: 26 Oct 2018 9:53

Instrument :

BNA_F

ClientSampleId :

102318-SIDI-F-U-B

Tgt Ion:165 Resp: 21169

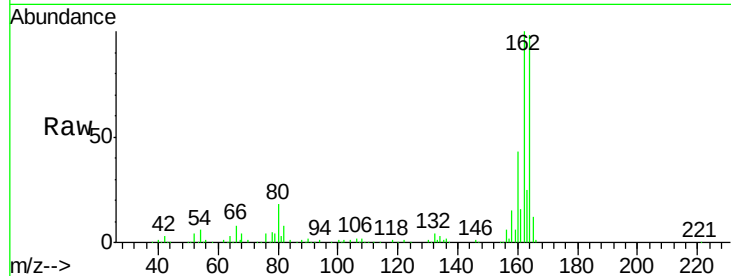
Ion Ratio Lower Upper

165 100

63 1.4 44.8 67.2#

89 1.6 62.2 93.4#

182 0.0 2.1 3.1#

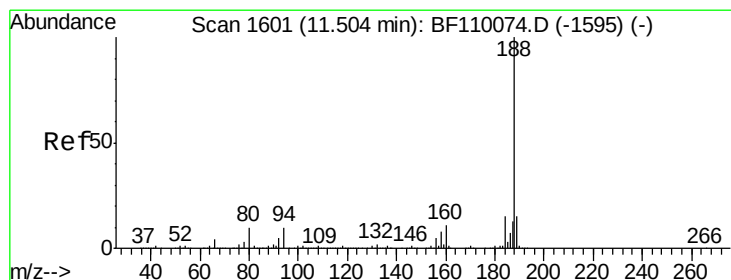
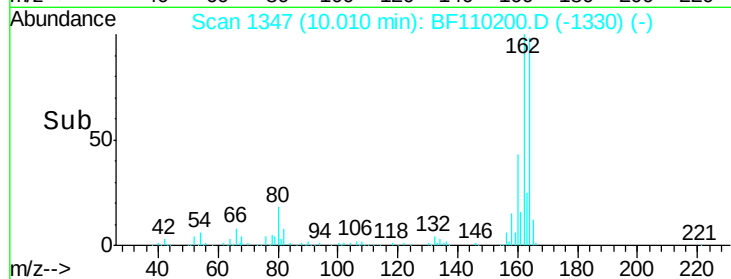
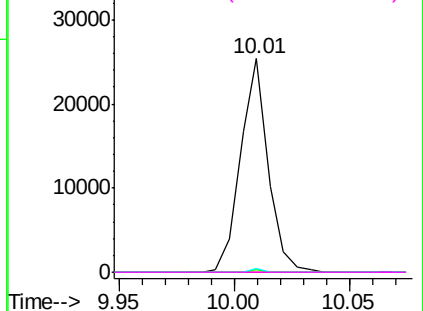


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF110200.D

Acq: 26 Oct 2018 9:53

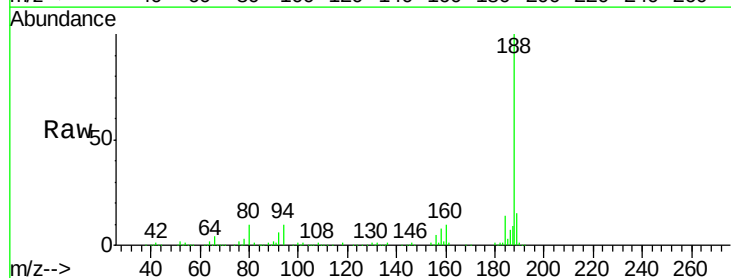
Tgt Ion:188 Resp: 282591

Ion Ratio Lower Upper

188 100

94 10.0 7.2 10.8

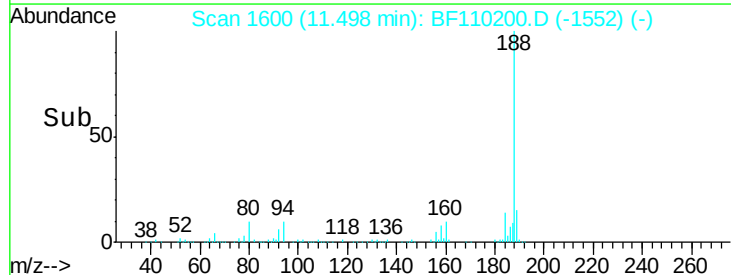
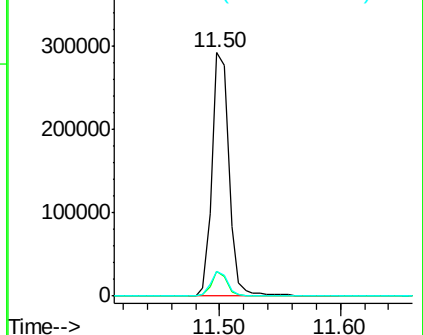
80 10.2 7.9 11.9

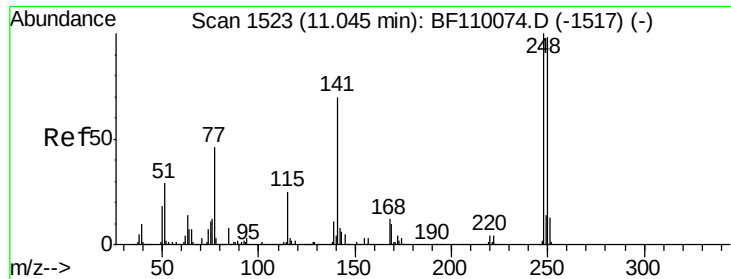


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

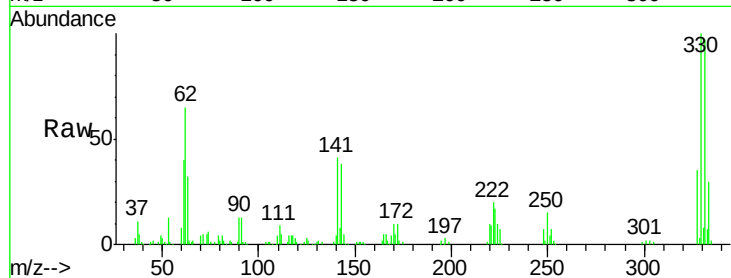




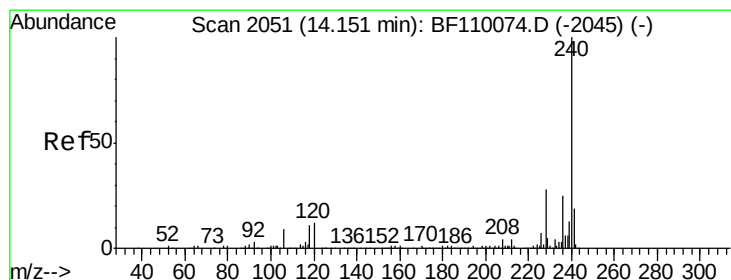
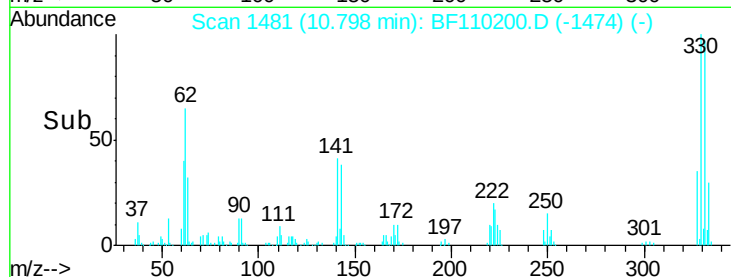
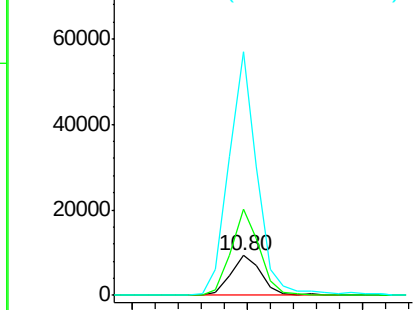
#67
4-Bromophenyl-phenylether
Concen: 2.810 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.26 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Instrument :
BNA_F
ClientSampleId :
102318-SIDI-F-U-B

Tgt Ion:248 Resp: 8613
Ion Ratio Lower Upper
248 100
250 215.8 79.4 119.2#
141 614.2 55.9 83.9#

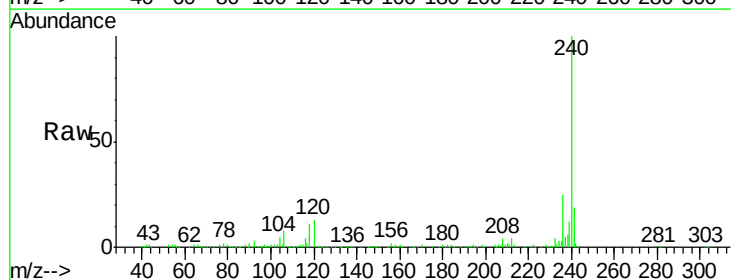


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

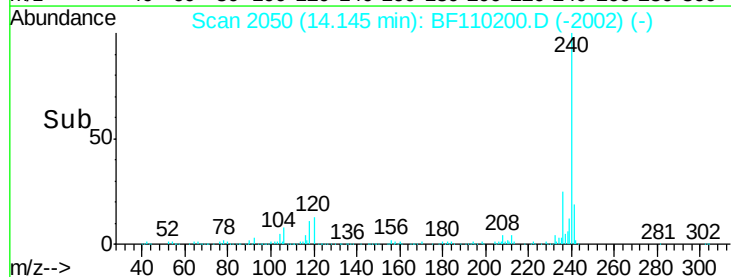
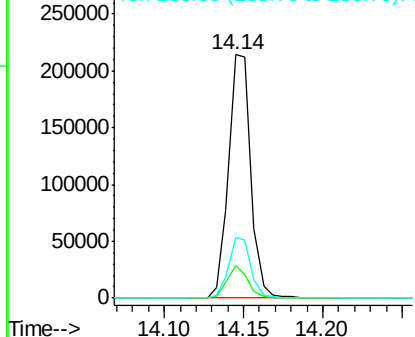


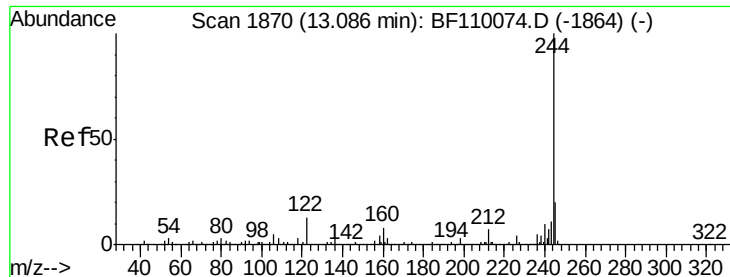
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110200.D
Acq: 26 Oct 2018 9:53

Tgt Ion:240 Resp: 208647
Ion Ratio Lower Upper
240 100
120 13.2 8.3 12.5#
236 25.1 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: 97.002 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110200.D

Acq: 26 Oct 2018 9:53

Instrument :

BNA_F

ClientSampleId :

102318-SIDI-F-U-B

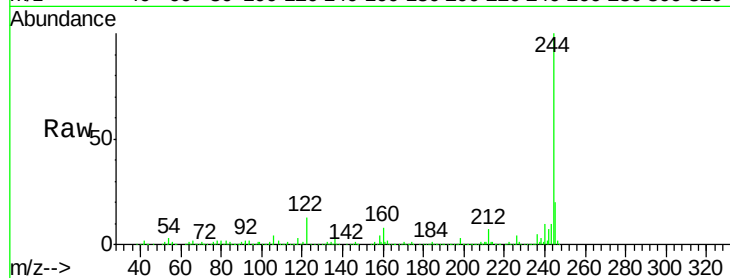
Tgt Ion:244 Resp: 973177

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

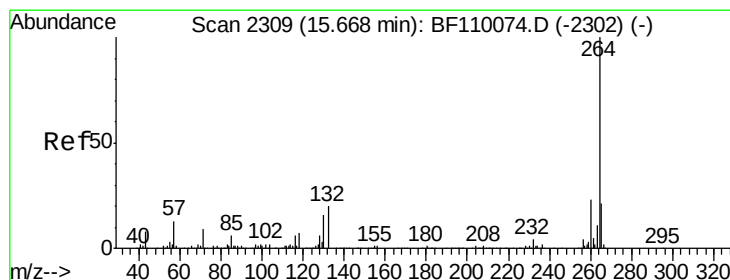
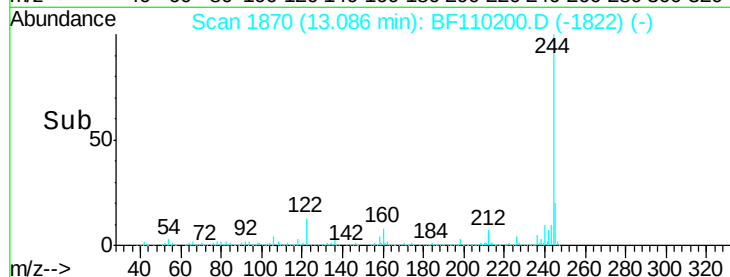
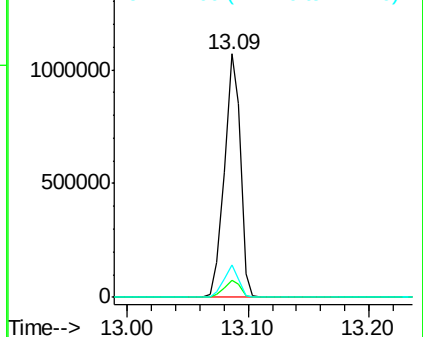
122 13.1 8.7 13.1#



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: BF110200.D

Acq: 26 Oct 2018 9:53

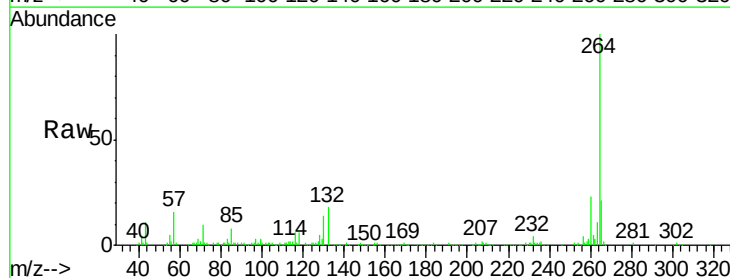
Tgt Ion:264 Resp: 156558

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 20.6 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

