

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102518\
 Data File : BF110204.D
 Acq On : 26 Oct 2018 11:40
 Operator : JU/SJ
 Sample : J5662-11
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 102318-DBRI-F-U-M

Quant Time: Oct 26 14:40:13 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

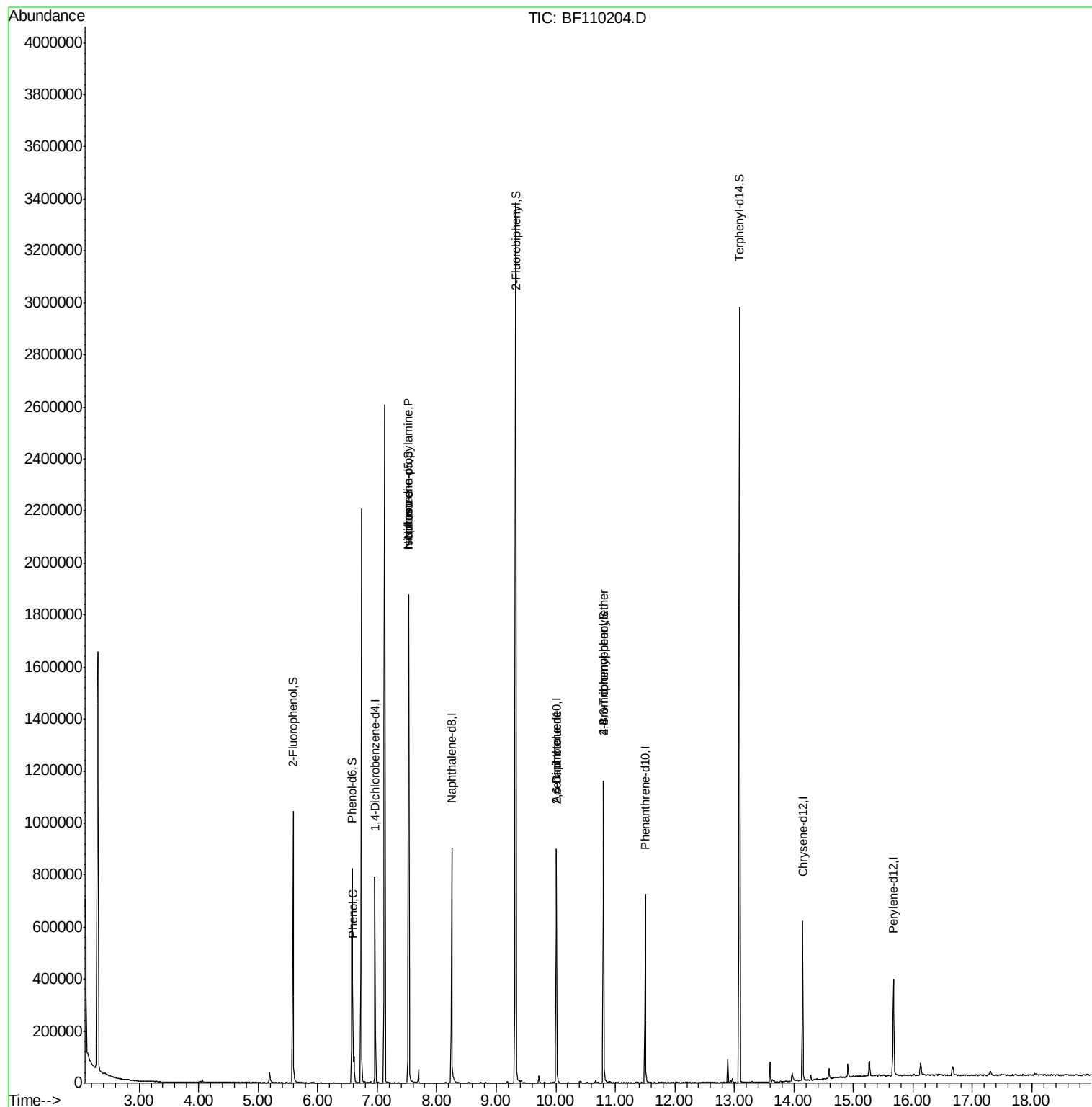
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	117345	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	430064	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	175600	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	289023	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	207836	20.00	ng	-0.02
87) Perylene-d12	15.67	264	152896	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	296897	41.20	ng	-0.01
7) Phenol-d6	6.58	99	248670	26.98	ng	-0.02
23) Nitrobenzene-d5	7.53	82	681112	93.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	130960	75.29	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1139475	101.89	ng	-0.01
79) Terphenyl-d14	13.09	244	958271	95.89	ng	-0.02
Target Compounds						
10) Phenol	6.59	94	40996	4.161	ng	# 62
19) n-Nitroso-di-n-propylamine	7.53	70	89744	15.177	ng	# 81
25) Isophorone	7.53	82	681162	55.112	ng	# 67
51) 2,6-Dinitrotoluene	10.01	165	21323	7.637	ng	# 22
57) 2,4-Dinitrotoluene	10.01	165	21323	6.012	ng	# 18
67) 4-Bromophenyl-phenylether	10.80	248	8065	2.573	ng	# 1

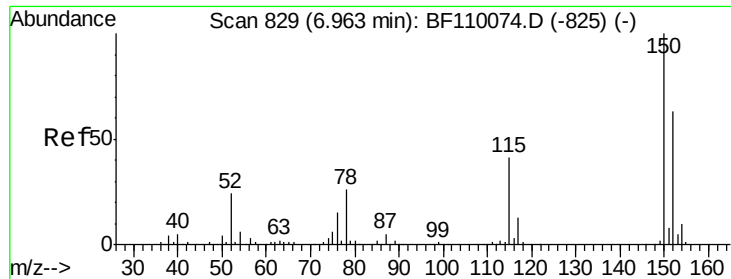
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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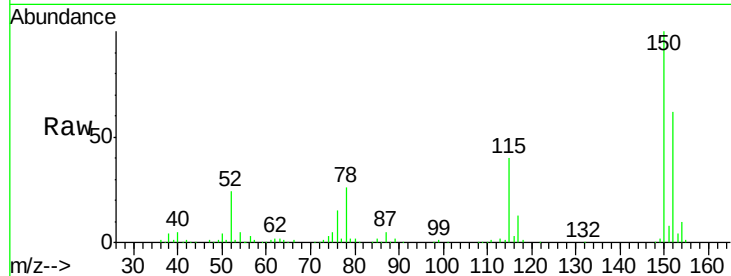


#1

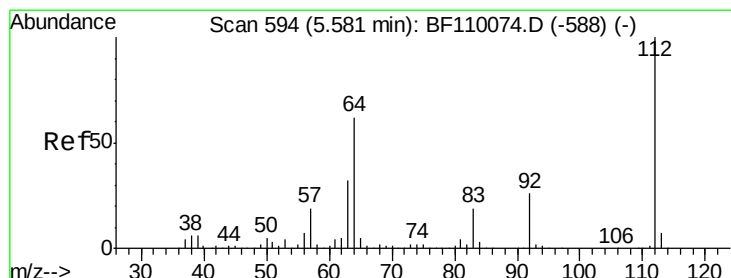
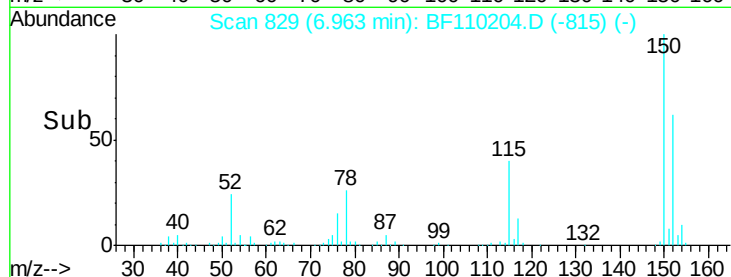
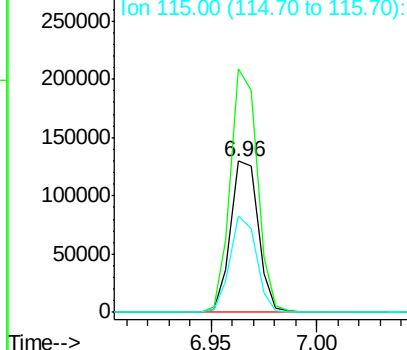
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110204.D
Acq: 26 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
102318-DBRI-F-U-M

Tgt Ion:152 Resp: 117345
Ion Ratio Lower Upper
152 100
150 160.8 122.7 184.1
115 64.0 49.1 73.7



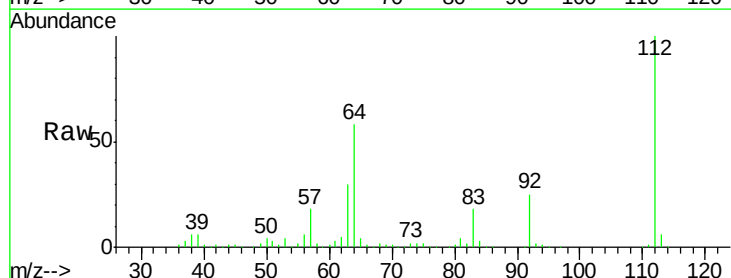
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



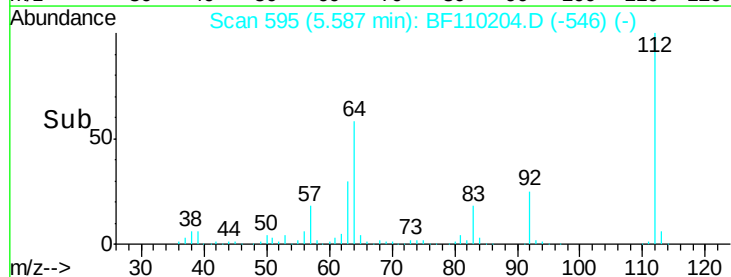
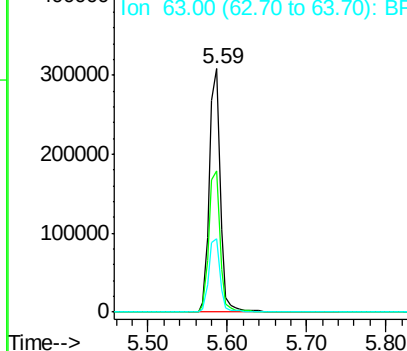
#5

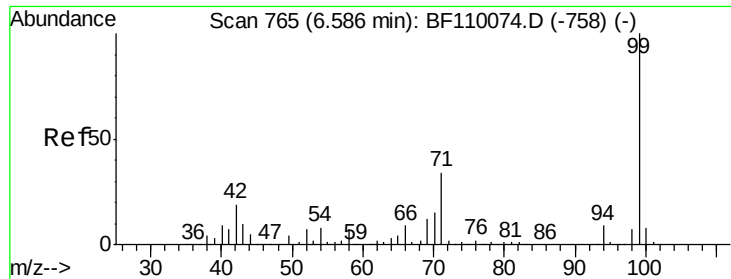
2-Fluorophenol
Concen: 41.202 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110204.D
Acq: 26 Oct 2018 11:40

Tgt Ion:112 Resp: 296897
Ion Ratio Lower Upper
112 100
64 58.0 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: 26.980 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110204.D

Acq: 26 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

102318-DBRI-F-U-M

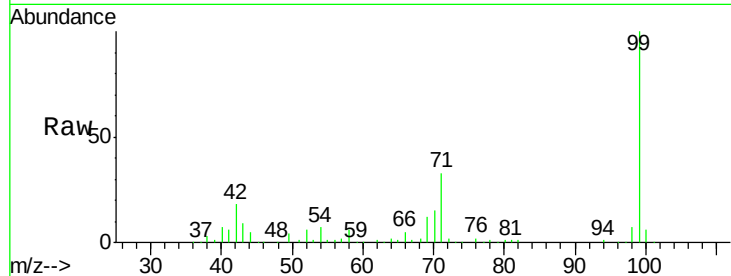
Tgt Ion: 99 Resp: 248670

Ion Ratio Lower Upper

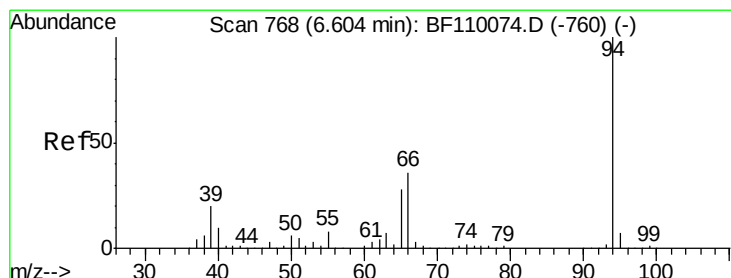
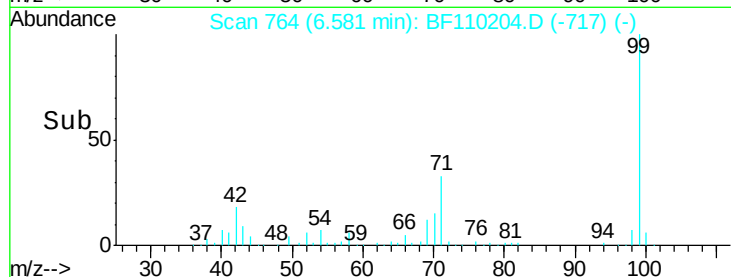
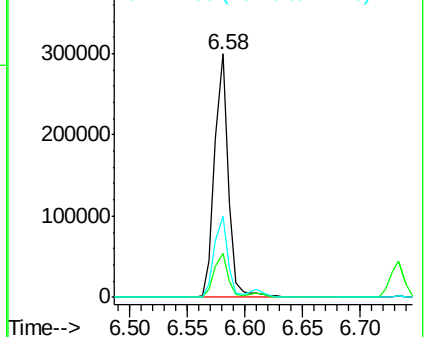
99 100

42 18.1 15.8 23.6

71 33.1 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: 4.161 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110204.D

Acq: 26 Oct 2018 11:40

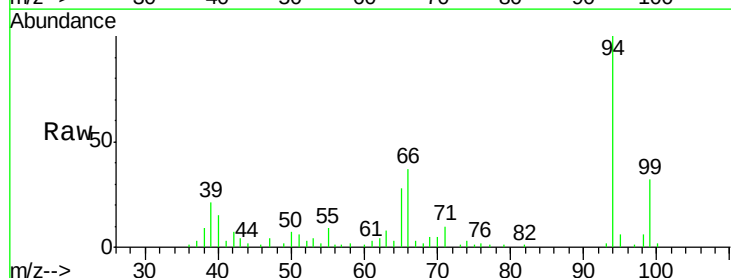
Tgt Ion: 94 Resp: 40996

Ion Ratio Lower Upper

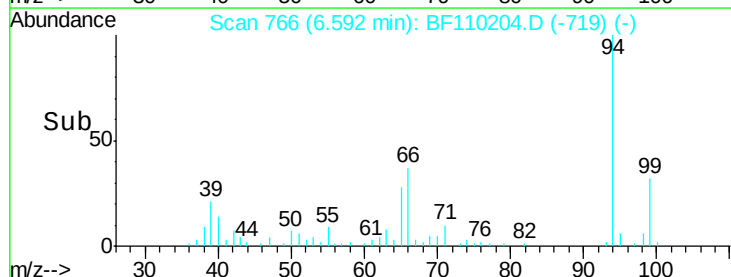
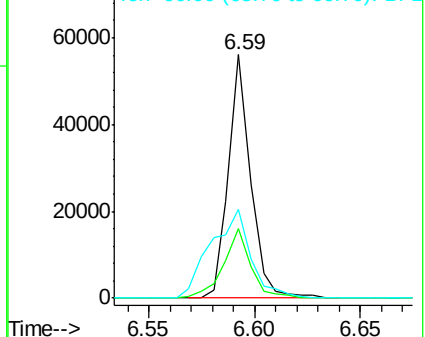
94 100

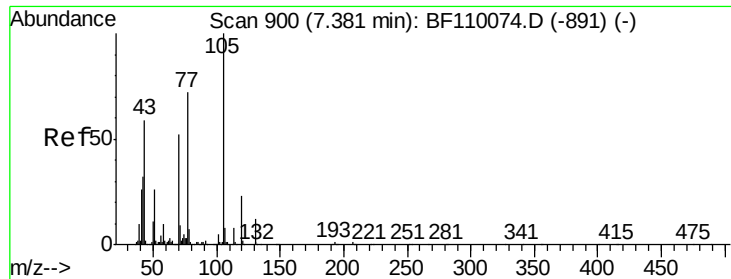
65 28.4 25.3 65.3

66 36.6 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

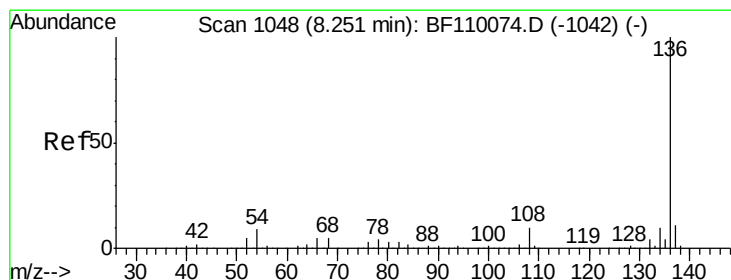
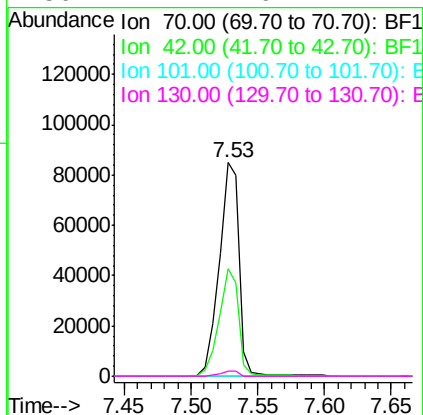
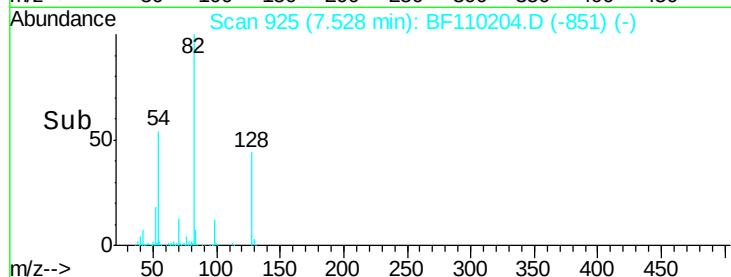
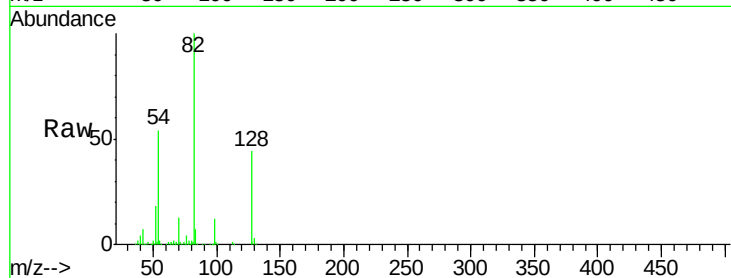




#19
n-Nitroso-di-n-propylamine
Concen: 15.177 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.14 min
Lab File: BF110204.D
Acq: 26 Oct 2018 11:40

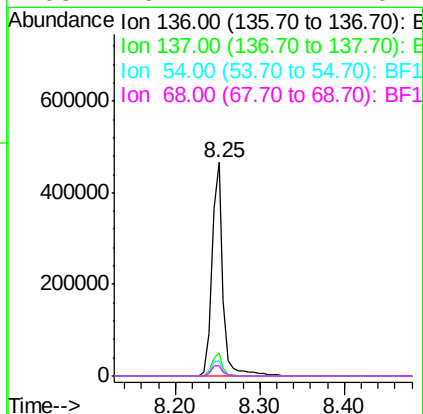
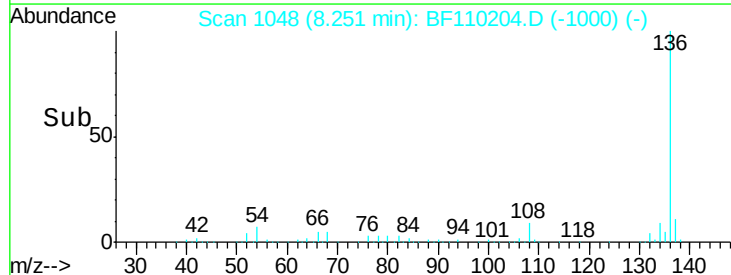
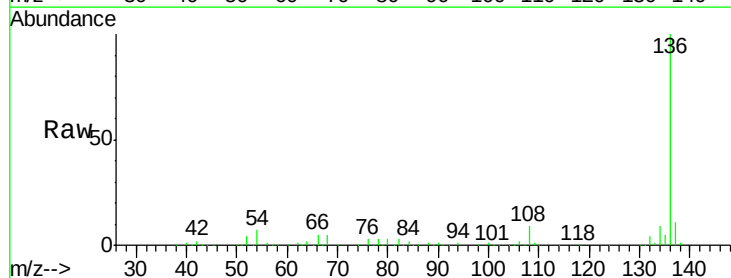
Instrument :
BNA_F
ClientSampleId :
102318-DBRI-F-U-M

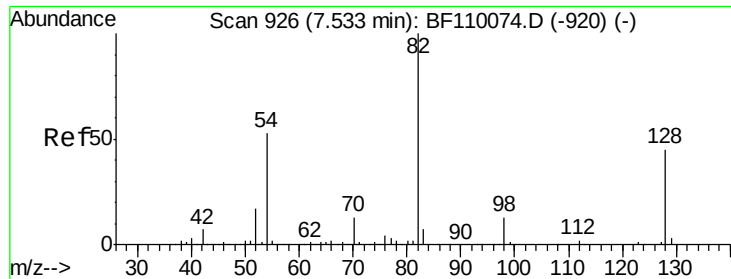
Tgt Ion: 70 Resp: 89744
Ion Ratio Lower Upper
70 100
42 50.5 47.4 71.2
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110204.D
Acq: 26 Oct 2018 11:40

Tgt Ion: 136 Resp: 430064
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.5 5.4 8.2
68 5.1 4.2 6.2

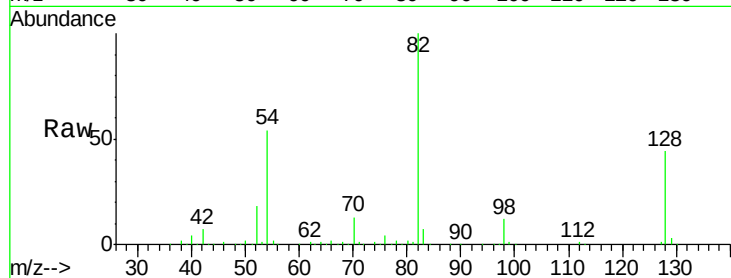




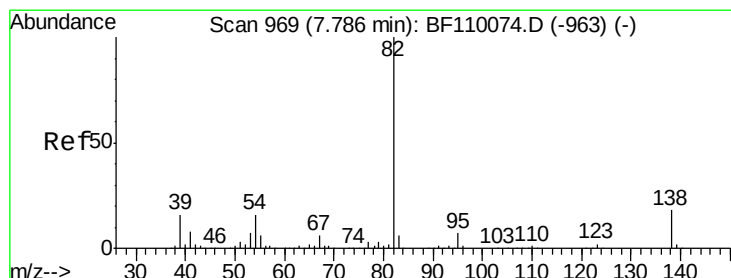
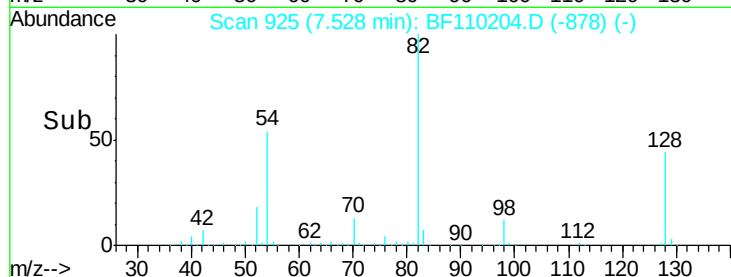
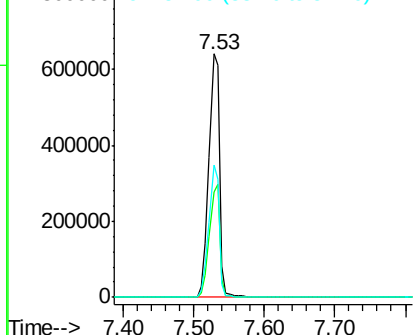
#23
Nitrobenzene-d5
Concen: 93.937 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.02 min
Lab File: BF110204.D
Acq: 26 Oct 2018 11:40

Instrument :
BNA_F
ClientSampleId :
102318-DBRI-F-U-M

Tgt Ion: 82 Resp: 681112
Ion Ratio Lower Upper
82 100
128 43.5 34.2 51.2
54 54.1 38.6 58.0

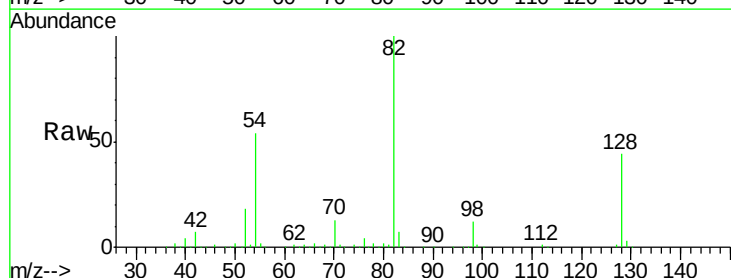


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

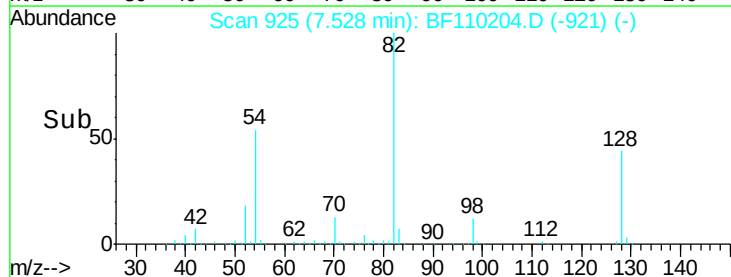
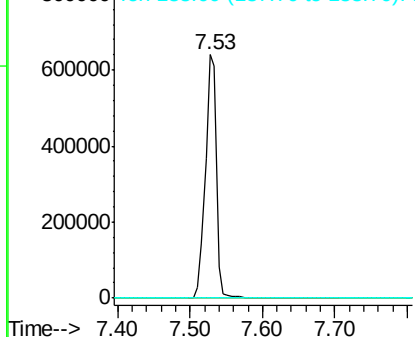


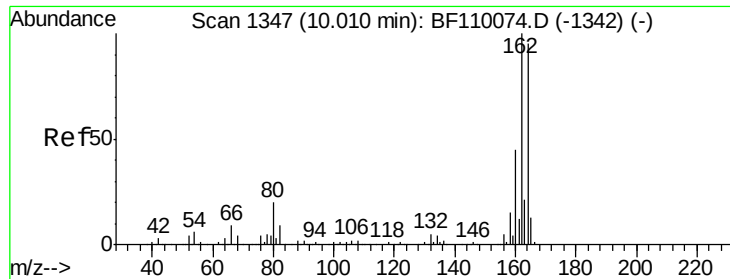
#25
Isophorone
Concen: 55.112 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.28 min
Lab File: BF110204.D
Acq: 26 Oct 2018 11:40

Tgt Ion: 82 Resp: 681162
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: BF110204.D

Acq: 26 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

102318-DBRI-F-U-M

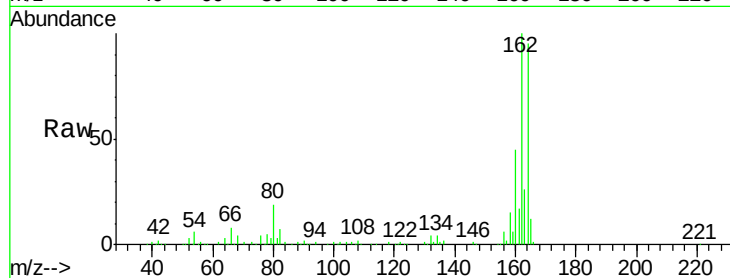
Tgt Ion:164 Resp: 175600

Ion Ratio Lower Upper

164 100

162 105.1 83.0 124.6

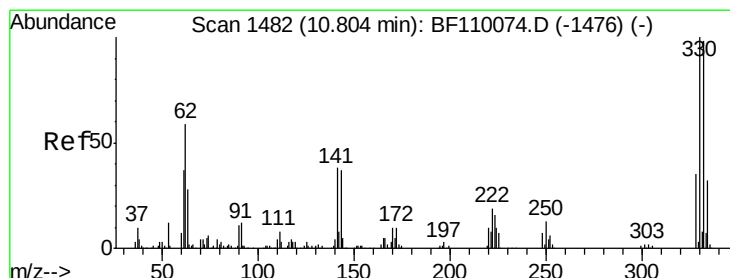
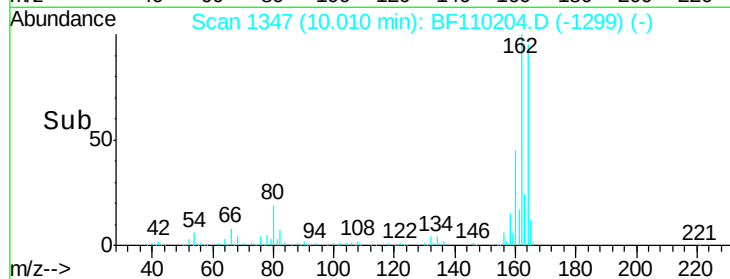
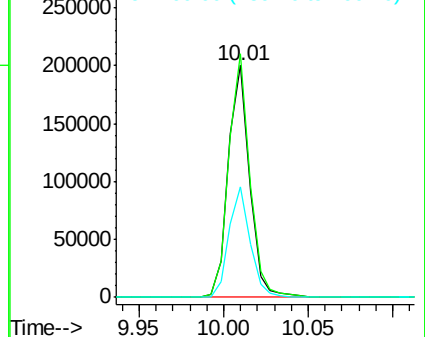
160 47.7 37.0 55.6



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: 75.289 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110204.D

Acq: 26 Oct 2018 11:40

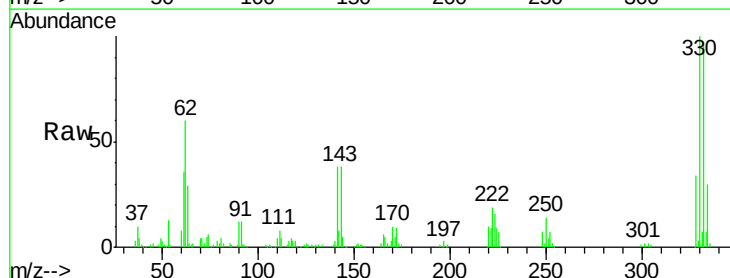
Tgt Ion:330 Resp: 130960

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

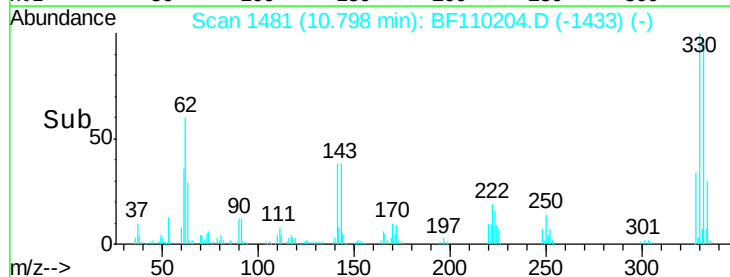
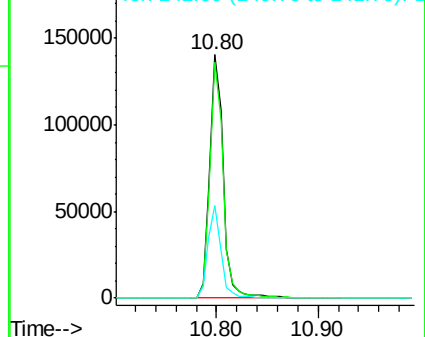
141 36.3 27.0 40.4

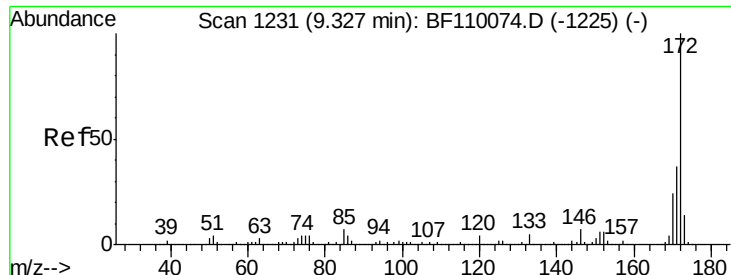


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

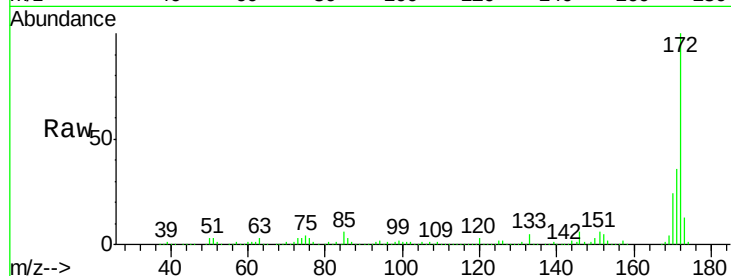




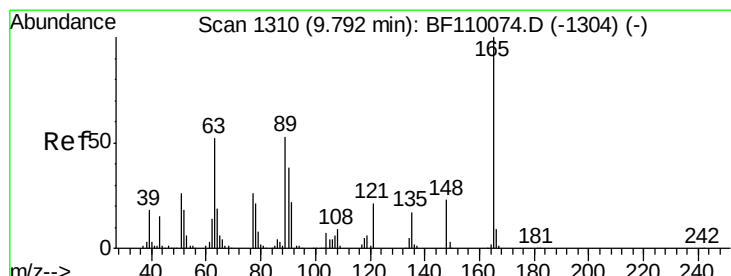
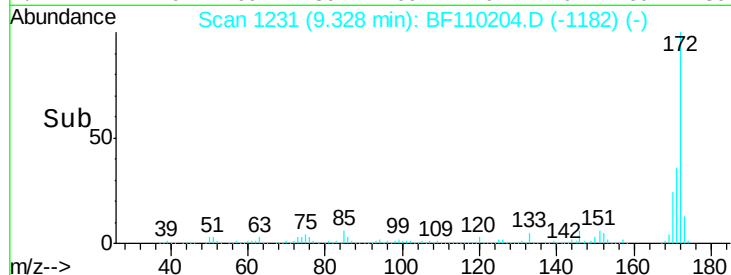
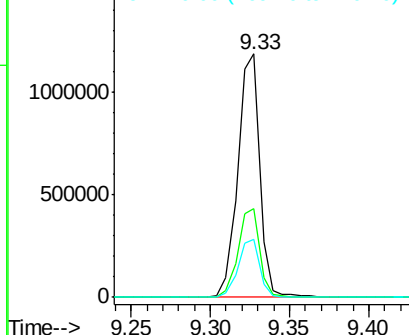
#45
 2-Fluorobiphenyl
 Concen: 101.895 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110204.D
 Acq: 26 Oct 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :
 102318-DBRI-F-U-M

Tgt Ion:172 Resp: 1139475
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 23.7 19.7 29.5

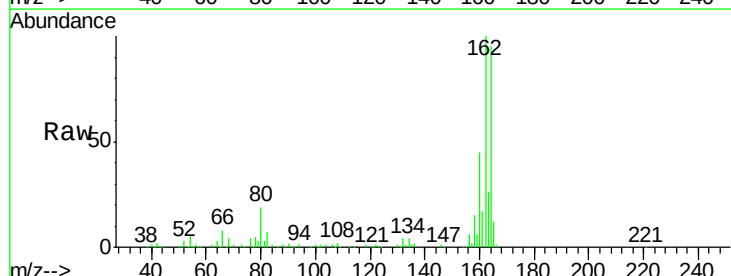


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

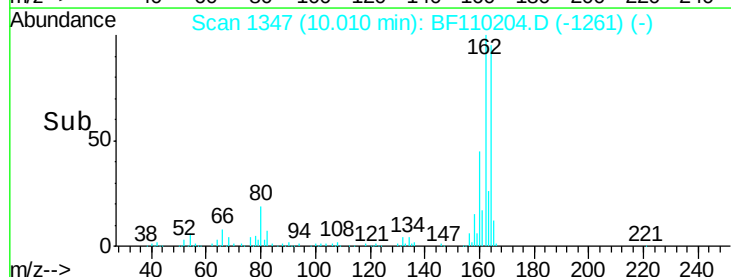
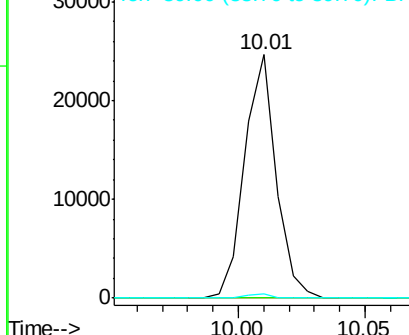


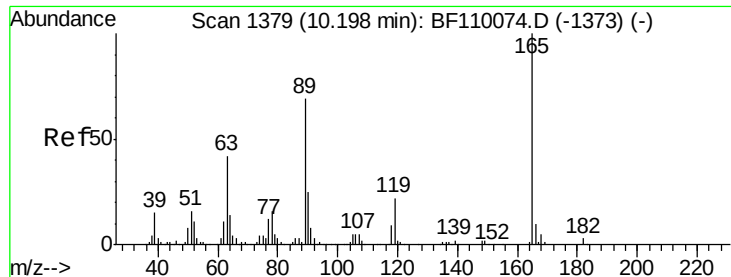
#51
 2,6-Dinitrotoluene
 Concen: 7.637 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.21 min
 Lab File: BF110204.D
 Acq: 26 Oct 2018 11:40

Tgt Ion:165 Resp: 21323
 Ion Ratio Lower Upper
 165 100
 63 0.0 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: 6.012 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.20 min

Lab File: BF110204.D

Acq: 26 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

102318-DBRI-F-U-M

Tgt Ion:165 Resp: 21323

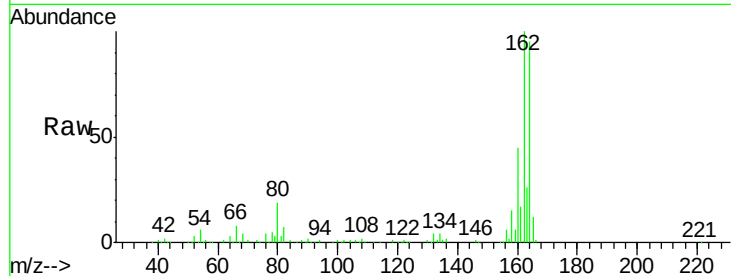
Ion Ratio Lower Upper

165 100

63 0.0 44.8 67.2#

89 1.6 62.2 93.4#

182 0.0 2.1 3.1#

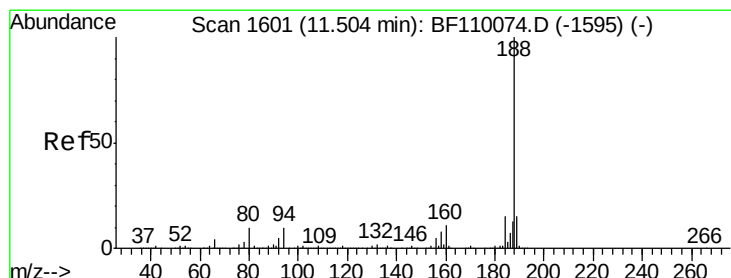
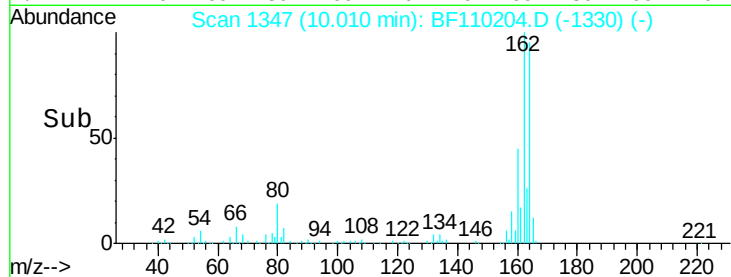
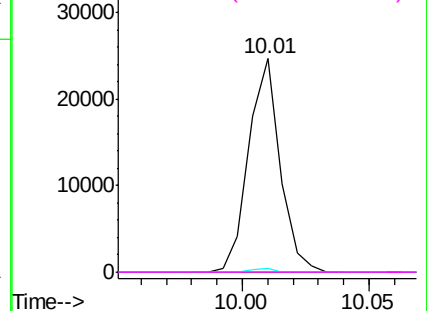


Abundance Ion 165.00 (164.70 to 165.70): E

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# 1601

Delta R.T. -0.01 min

Lab File: BF110204.D

Acq: 26 Oct 2018 11:40

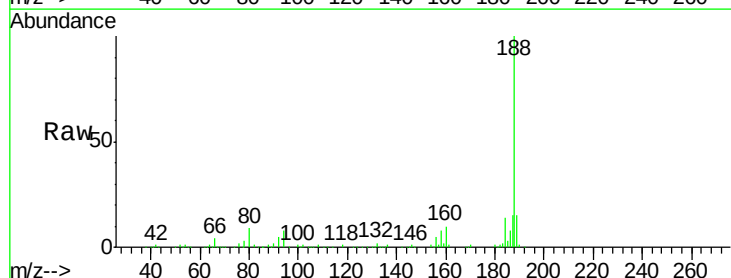
Tgt Ion:188 Resp: 289023

Ion Ratio Lower Upper

188 100

94 8.5 7.2 10.8

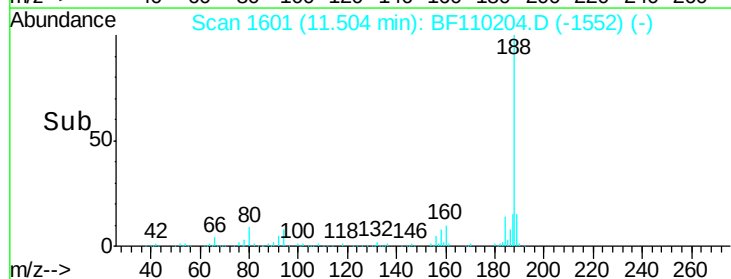
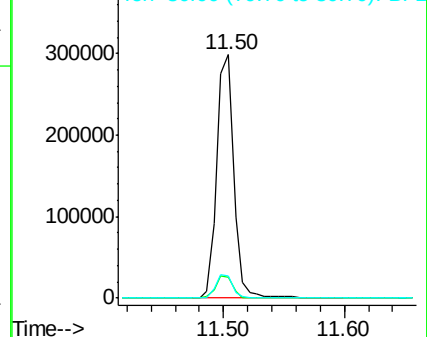
80 9.2 7.9 11.9

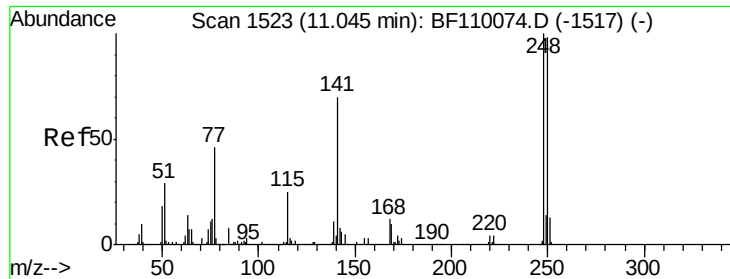


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

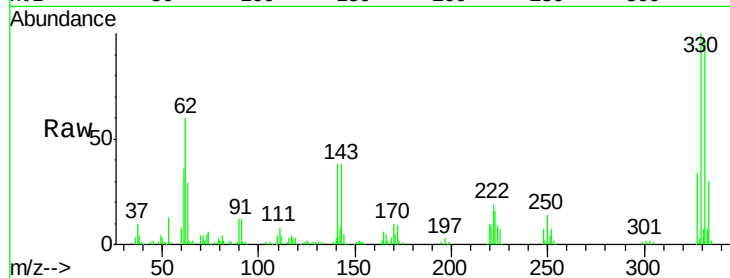




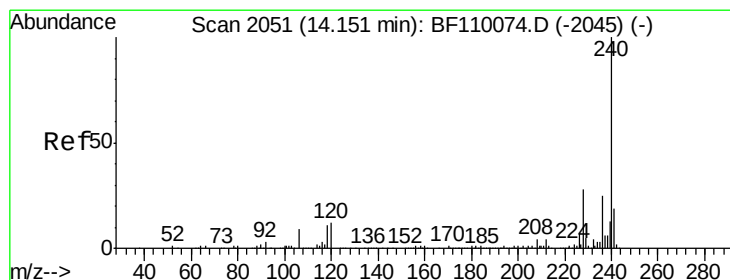
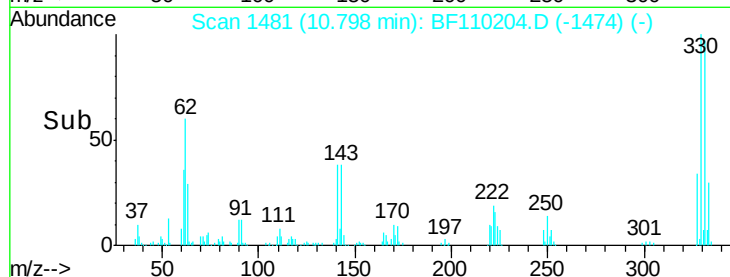
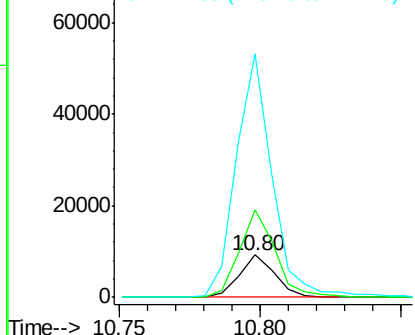
#67
 4-Bromophenyl-phenylether
 Concen: 2.573 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.26 min
 Lab File: BF110204.D
 Acq: 26 Oct 2018 11:40

Instrument :
 BNA_F
 ClientSampleId :
 102318-DBRI-F-U-M

Tgt Ion	Ratio	Lower	Upper
248	100		
250	205.6	79.4	119.2#
141	574.5	55.9	83.9#

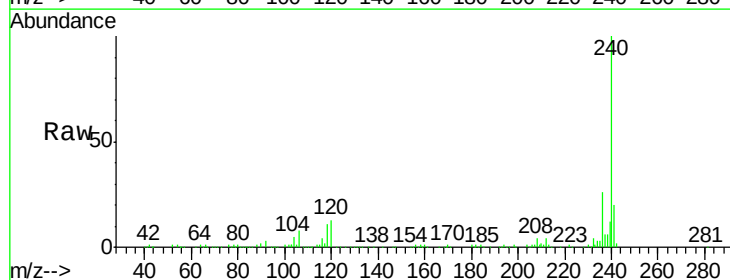


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

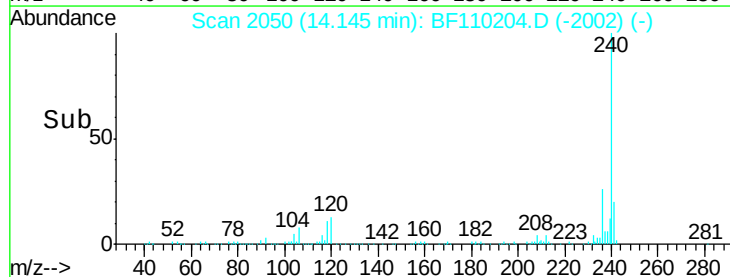
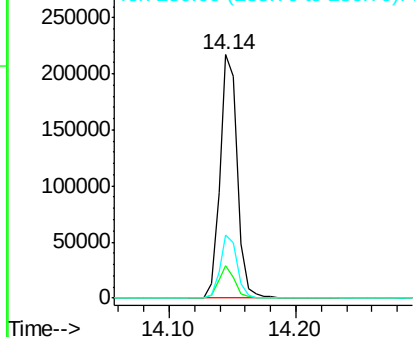


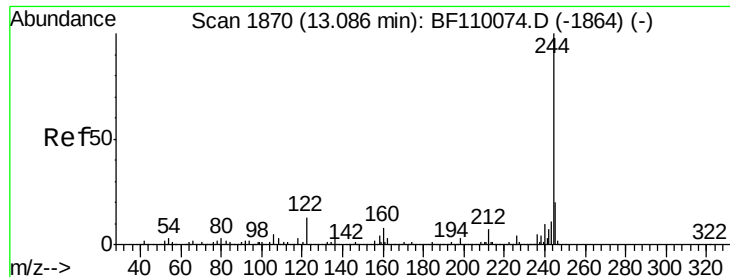
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110204.D
 Acq: 26 Oct 2018 11:40

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.3	12.5#
236	25.8	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: 95.889 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.02 min

Lab File: BF110204.D

Acq: 26 Oct 2018 11:40

Instrument :

BNA_F

ClientSampleId :

102318-DBRI-F-U-M

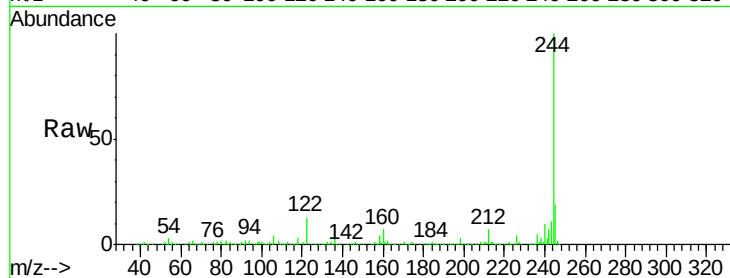
Tgt Ion:244 Resp: 958271

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

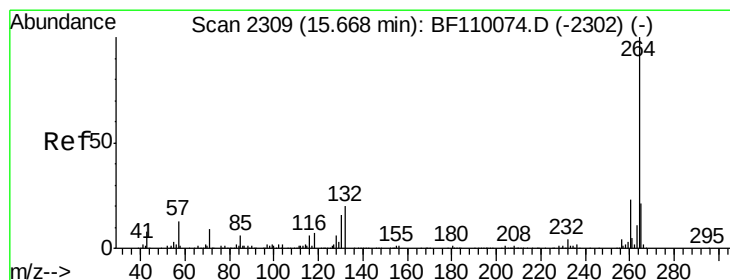
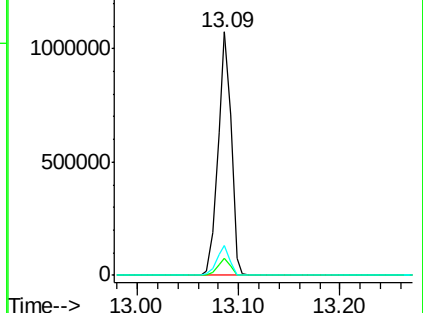
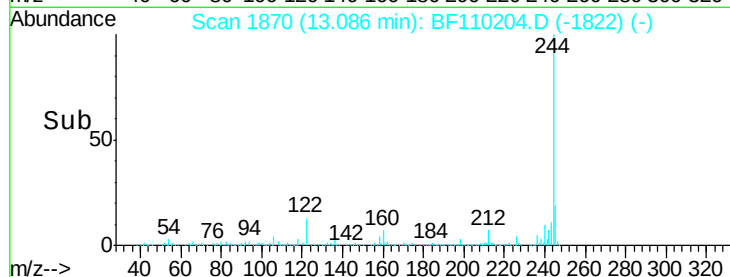
122 12.5 8.7 13.1



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: BF110204.D

Acq: 26 Oct 2018 11:40

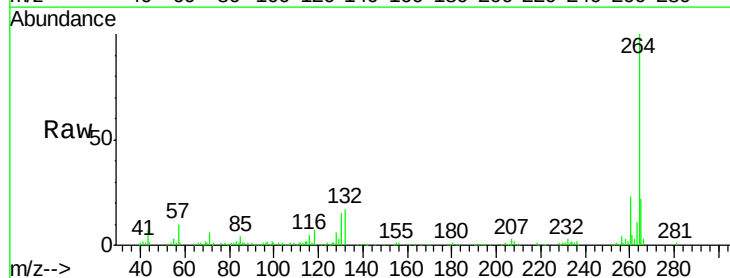
Tgt Ion:264 Resp: 152896

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 22.1 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

