

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110261.D
 Acq On : 29 Oct 2018 14:39
 Operator : JU/SJ
 Sample : J5624-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 07:01:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

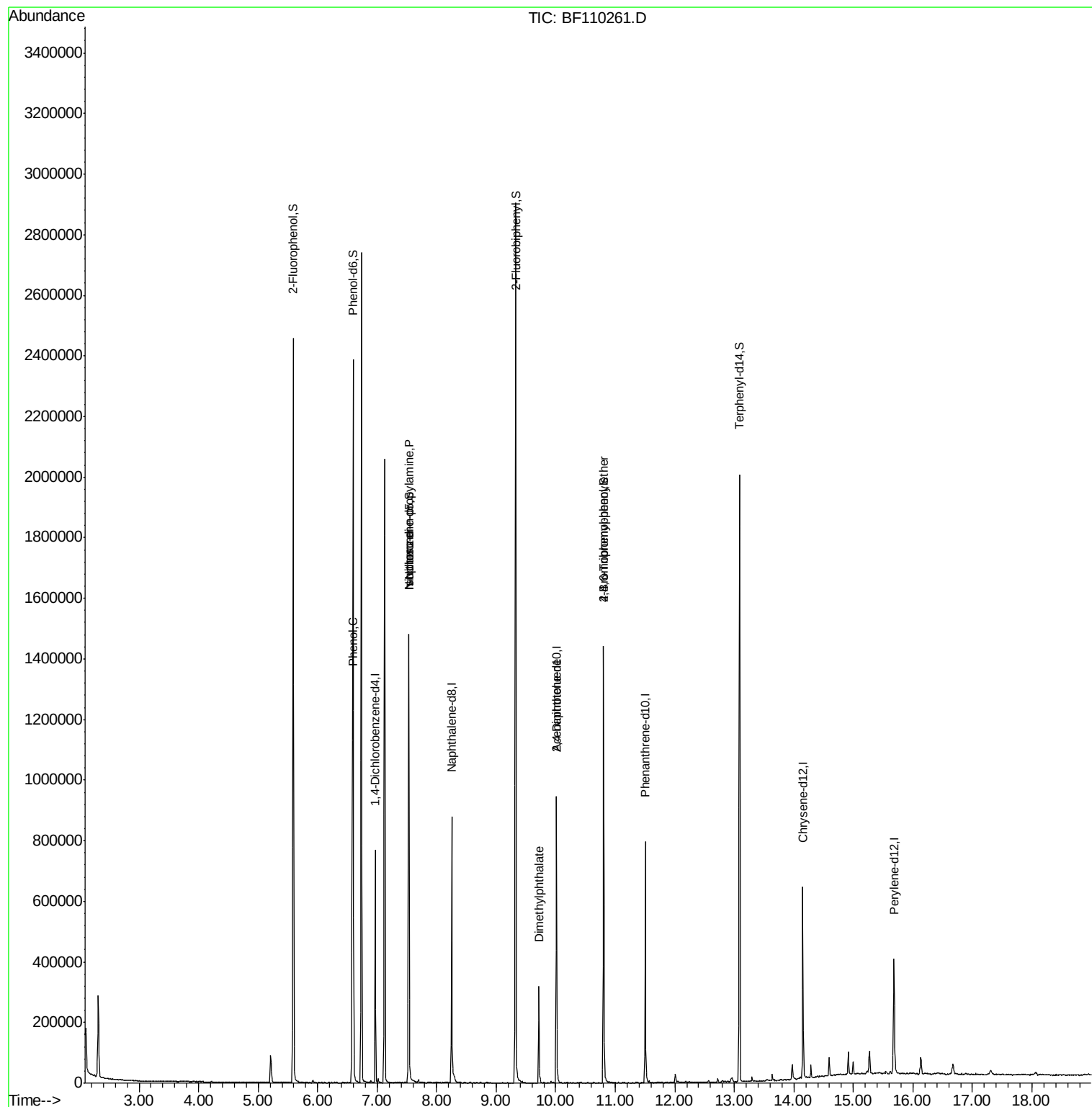
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	107755	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	426492	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	182626	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	291174	20.00	ng	0.00
76) Chrysene-d12	14.15	240	220289	20.00	ng	0.00
87) Perylene-d12	15.69	264	174918	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	684295	103.41	ng	0.00
7) Phenol-d6	6.59	99	864981	102.20	ng	0.00
23) Nitrobenzene-d5	7.53	82	536364	74.59	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	168599	93.20	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	942943	81.08	ng	0.00
79) Terphenyl-d14	13.09	244	688270	64.98	ng	0.00
Target Compounds						
10) Phenol	6.60	94	120237	13.290	ng	# 62
19) n-Nitroso-di-n-propylamine	7.53	70	72305	13.316	ng	# 78
25) Isophorone	7.53	82	536359	43.759	ng	# 67
50) Dimethylphthalate	9.72	163	137101	10.170	ng	98
57) 2,4-Dinitrotoluene	10.01	165	23535	6.381	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	11028	3.492	ng	# 1

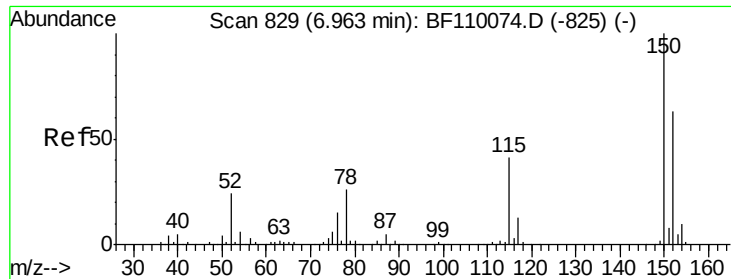
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110261.D
Acq On : 29 Oct 2018 14:39
Operator : JU/SJ
Sample : J5624-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 30 07:01:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 17:29:00 2018
Response via : Initial Calibration



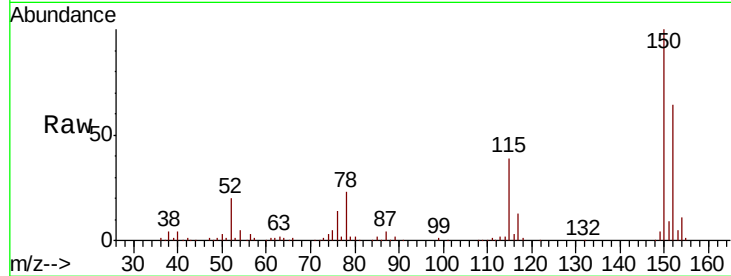


#1

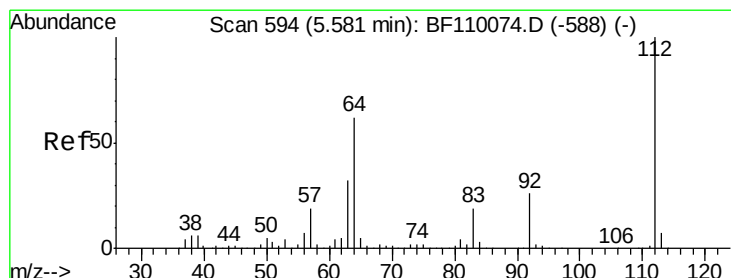
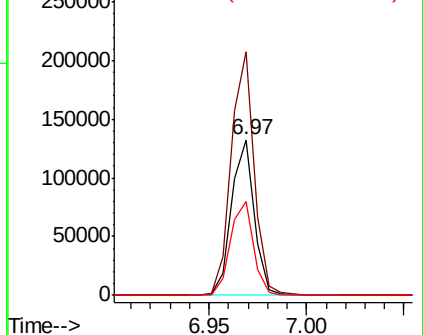
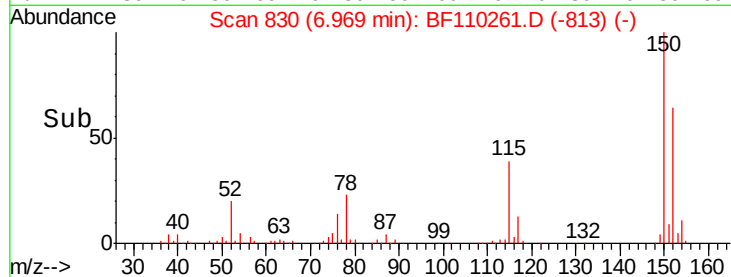
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF110261.D
Acq: 29 Oct 2018 14:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 107755
Ion Ratio Lower Upper
152 100
150 156.2 122.7 184.1
115 60.4 49.1 73.7



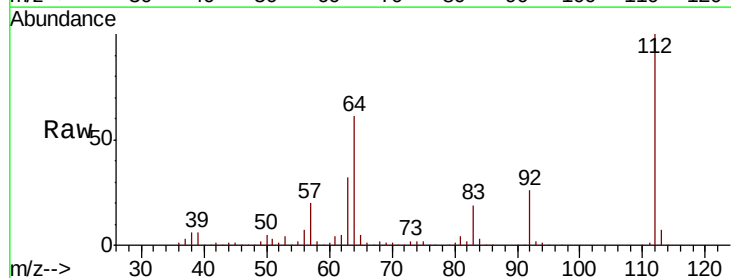
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



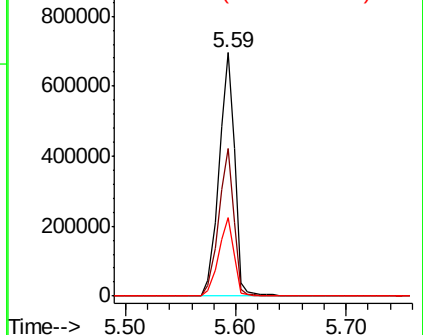
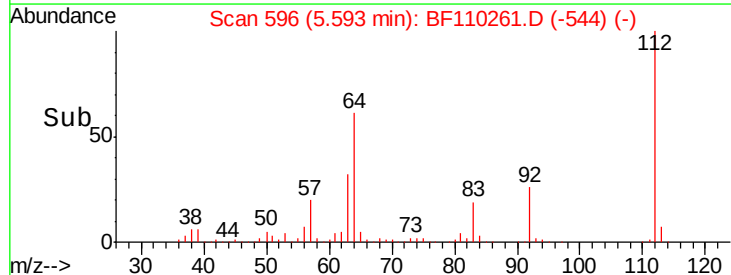
#5

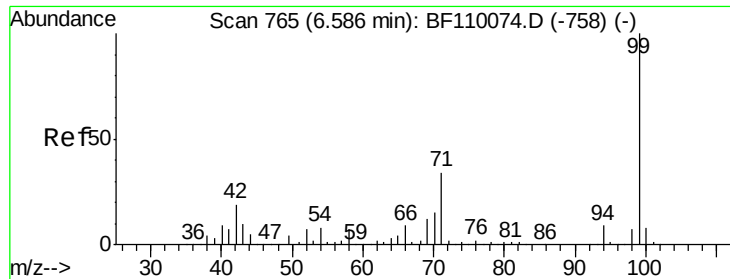
2-Fluorophenol
Concen: 103.414 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110261.D
Acq: 29 Oct 2018 14:39

Tgt Ion:112 Resp: 684295
Ion Ratio Lower Upper
112 100
64 60.8 44.1 66.1
63 32.0 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: 102.199 ng

RT: 6.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BF110261.D

Acq: 29 Oct 2018 14:39

Instrument :

BNA_F

ClientSampled :

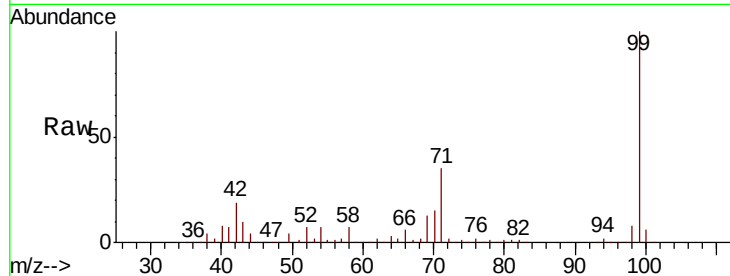
Tot Ion: 99 Resp: 864981

Ion Ratio Lower Upper

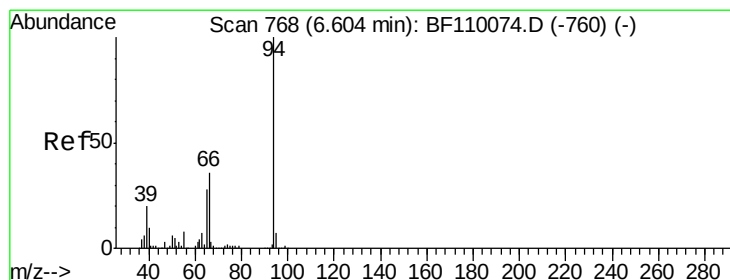
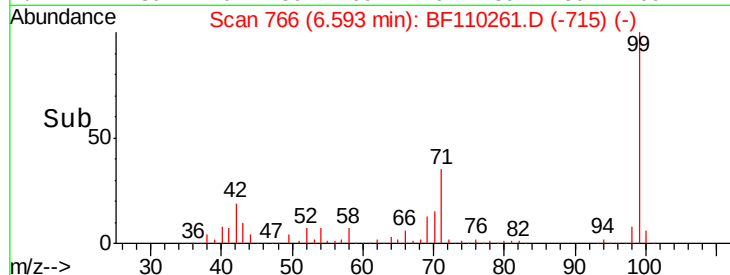
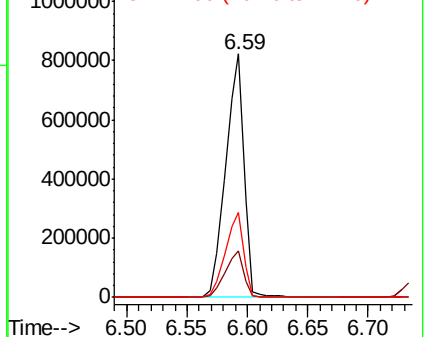
99 100

42 19.1 15.8 23.6

71 35.0 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: 13.290 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF110261.D

Acq: 29 Oct 2018 14:39

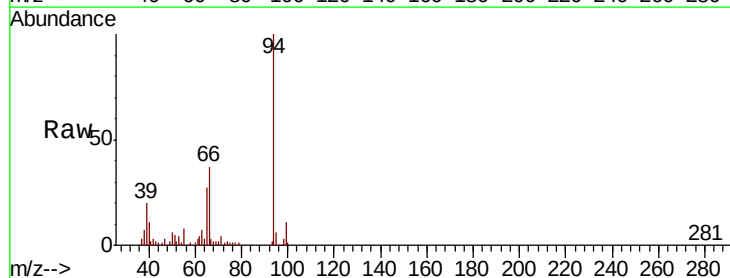
Tgt Ion: 94 Resp: 120237

Ion Ratio Lower Upper

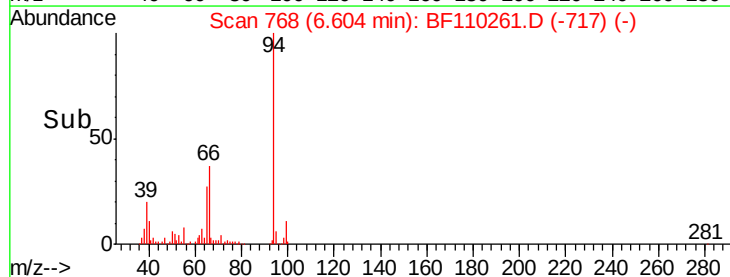
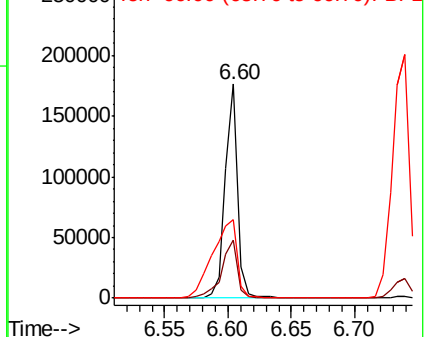
94 100

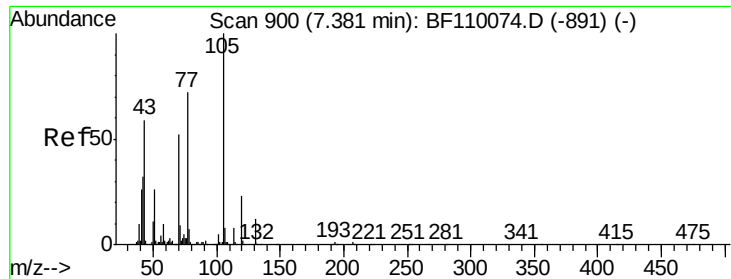
65 27.0 25.3 65.3

66 36.5 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

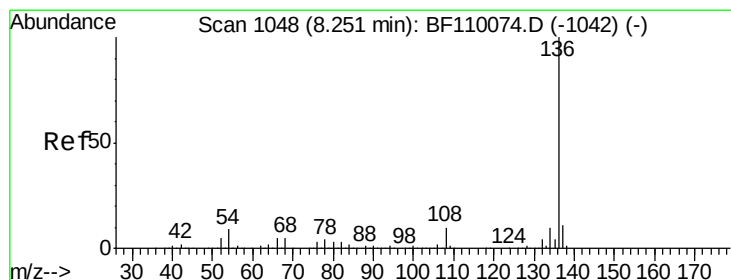
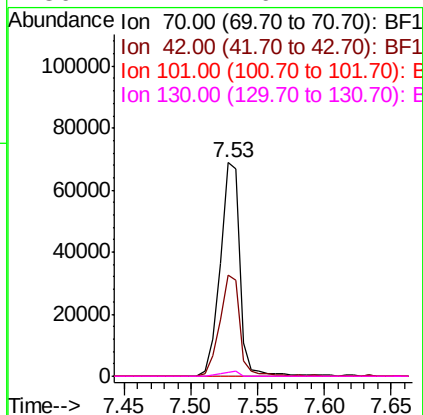
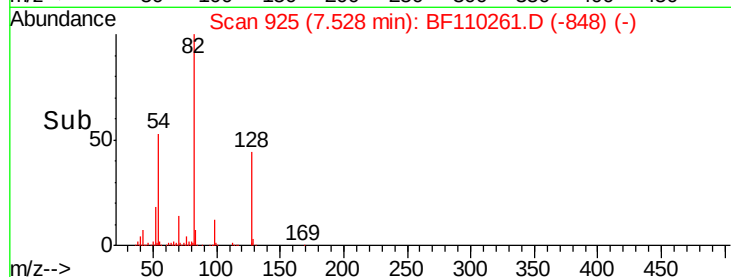
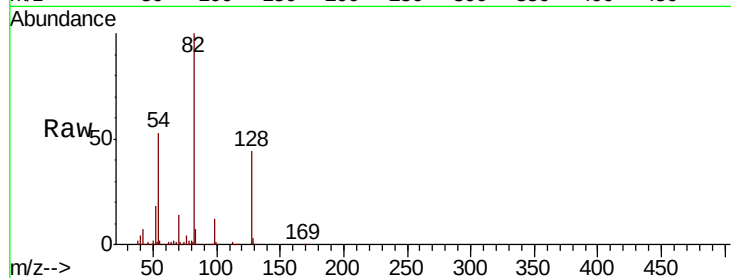




#19
n-Nitroso-di-n-propylamine
Concen: 13.316 ng
RT: 7.53 min Scan# 925
Delta R.T. 0.15 min
Lab File: BF110261.D
Acq: 29 Oct 2018 14:39

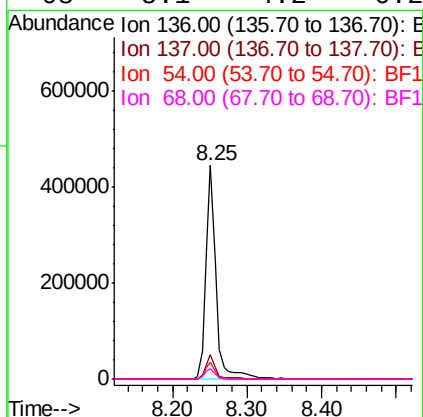
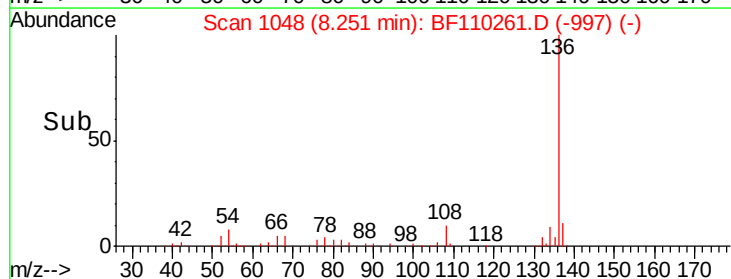
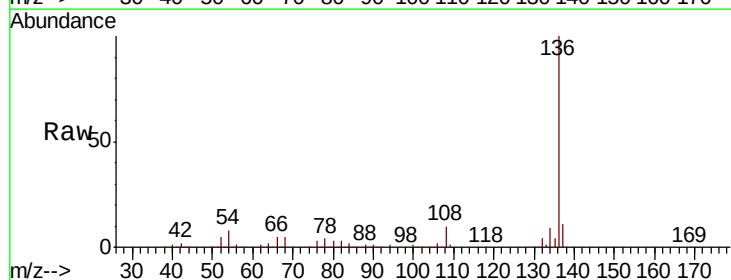
Instrument :
BNA_F
ClientSampleId :

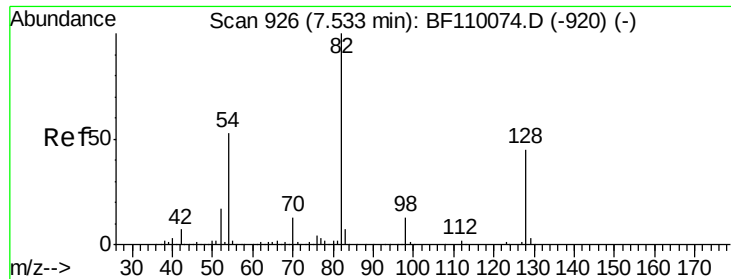
Tot Ion: 70 Resp: 72305
Ion Ratio Lower Upper
70 100
42 47.2 47.4 71.2#
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF110261.D
Acq: 29 Oct 2018 14:39

Tgt Ion: 136 Resp: 426492
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.8 5.4 8.2
68 5.1 4.2 6.2

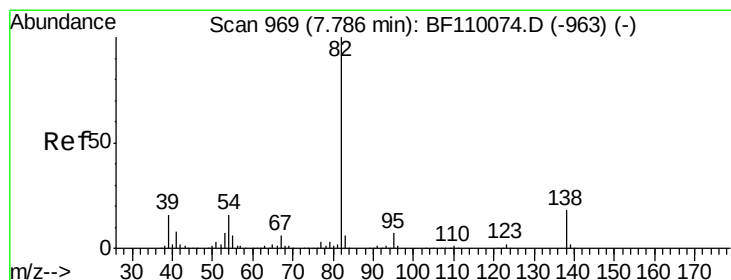
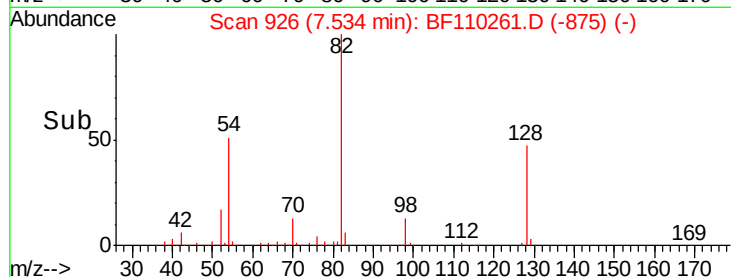
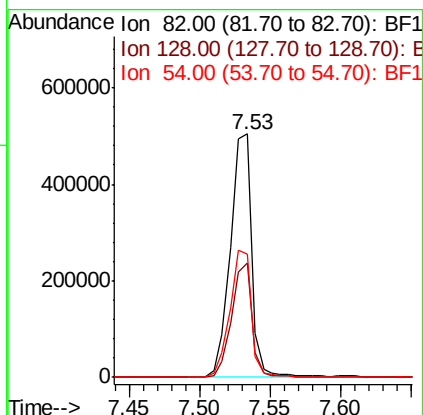
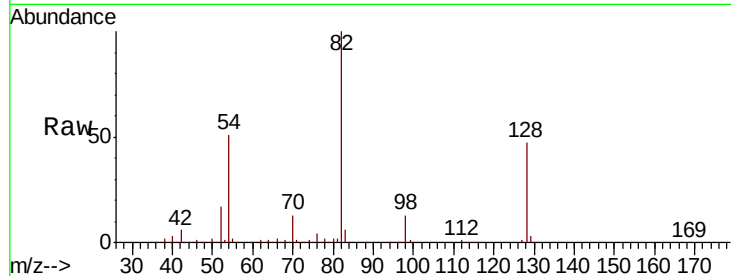




#23
Nitrobenzene-d5
Concen: 74.593 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.00 min
Lab File: BF110261.D
Acq: 29 Oct 2018 14:39

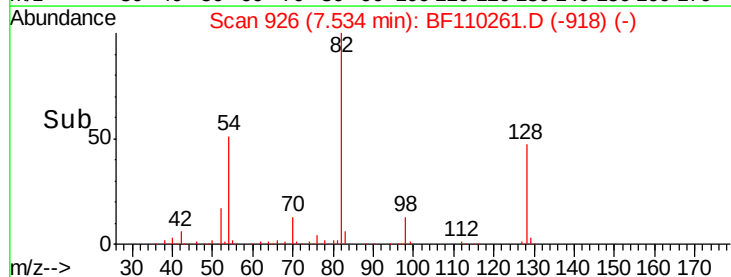
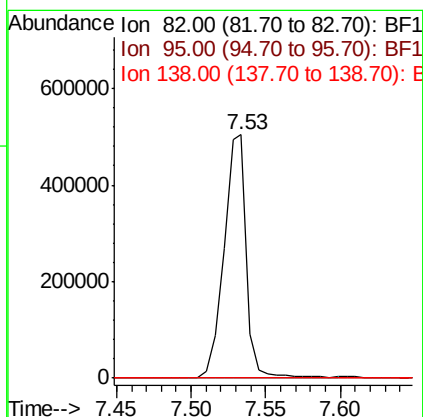
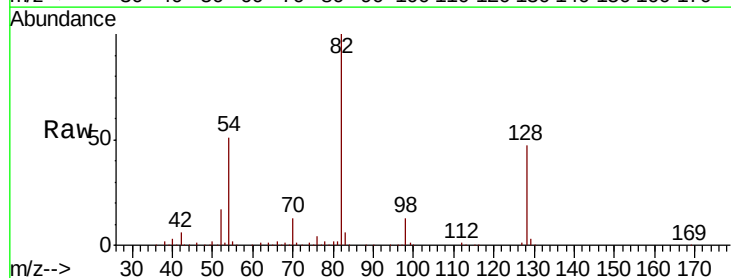
Instrument :
BNA_F
ClientSampleId :

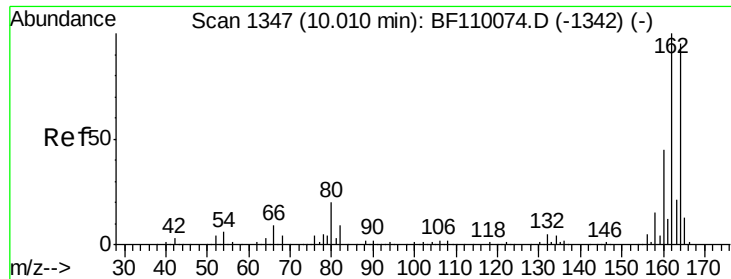
Tot Ion	82	Resp	536364
Ion Ratio	Lower	Upper	
82	100		
128	46.9	34.2	51.2
54	50.6	38.6	58.0



#25
Isophorone
Concen: 43.759 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110261.D
Acq: 29 Oct 2018 14:39

Tgt Ion	82	Resp	536359
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110261.D

Acq: 29 Oct 2018 14:39

Instrument :

BNA_F

ClientSampled :

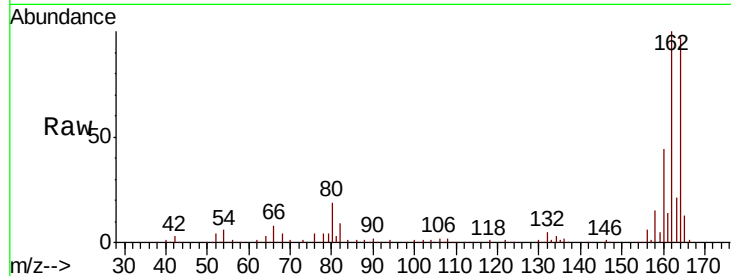
Tot Ion:164 Resp: 182626

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

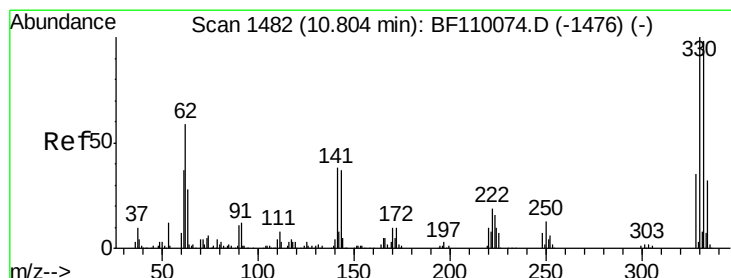
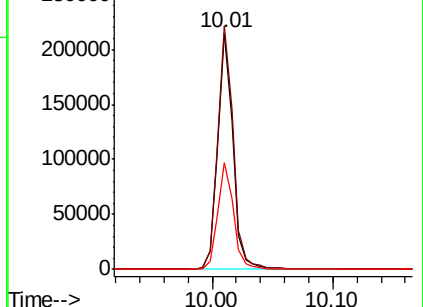
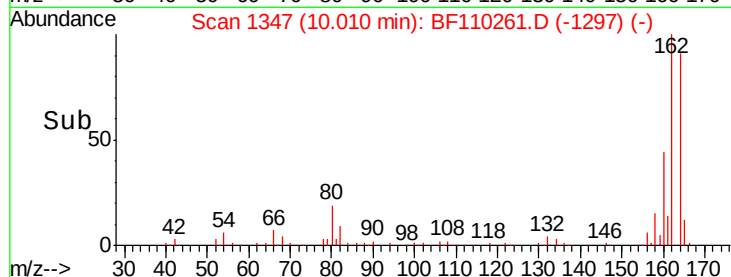
160 45.3 37.0 55.6



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: 93.198 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110261.D

Acq: 29 Oct 2018 14:39

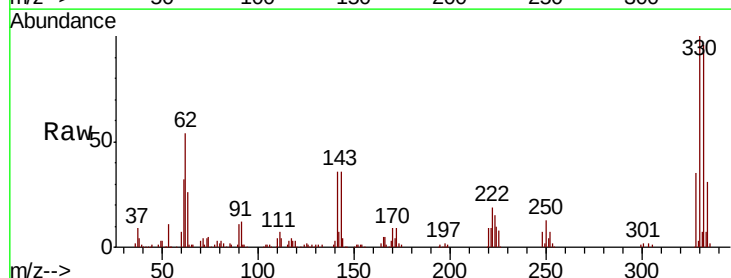
Tgt Ion:330 Resp: 168599

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

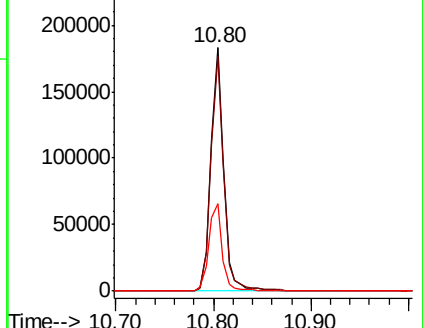
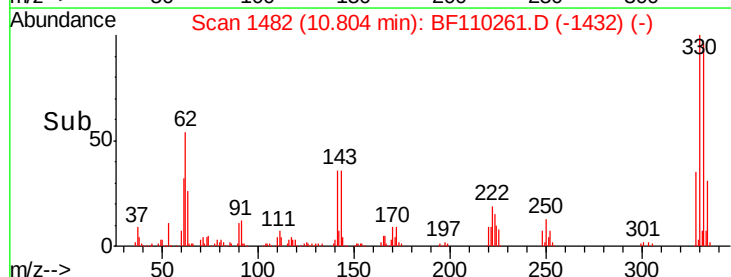
141 37.2 27.0 40.4

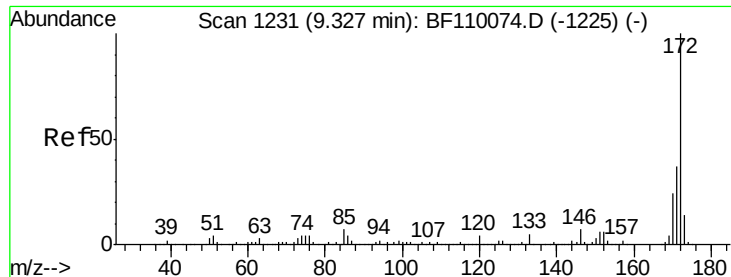


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

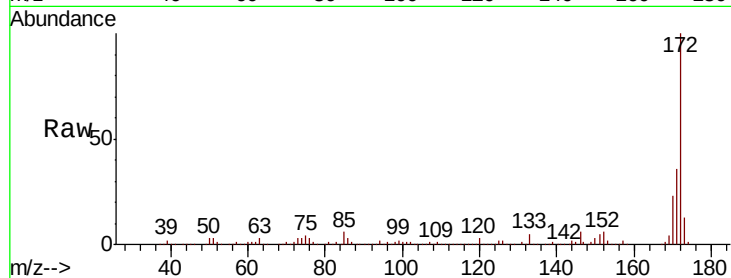




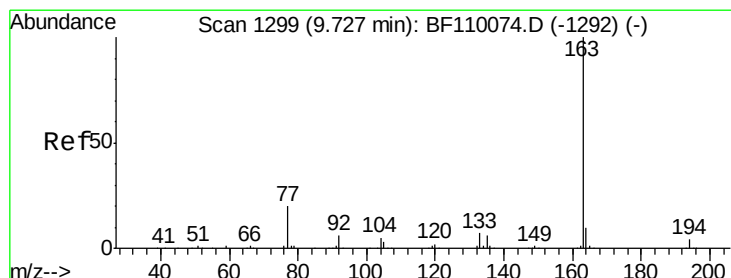
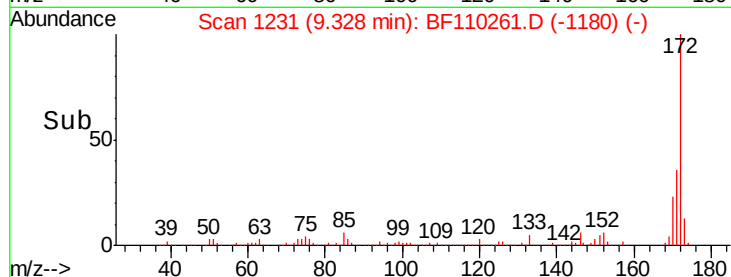
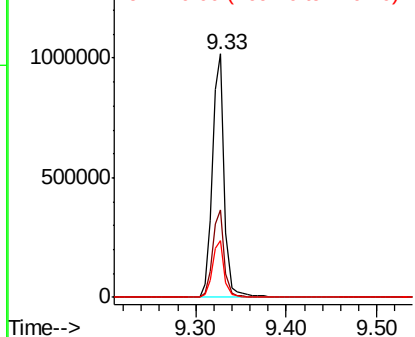
#45
2-Fluorobiphenyl
Concen: 81.076 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF110261.D
Acq: 29 Oct 2018 14:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 942943
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.5 19.7 29.5

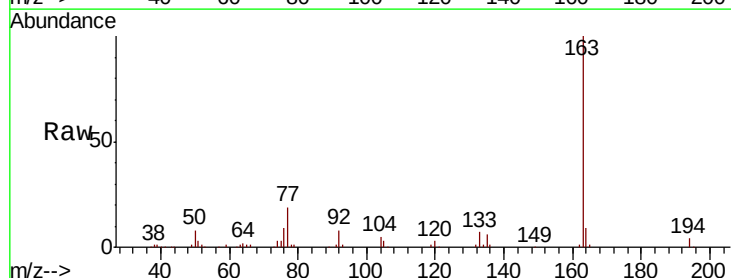


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

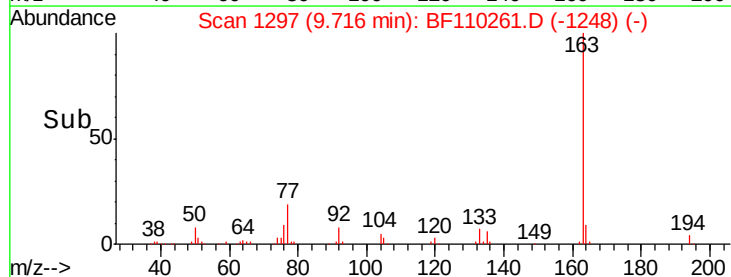
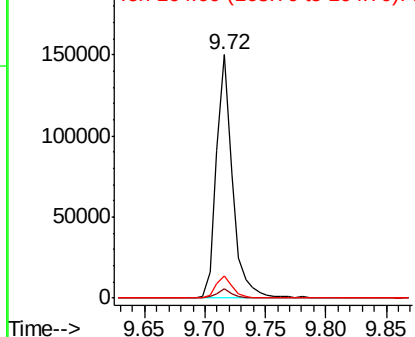


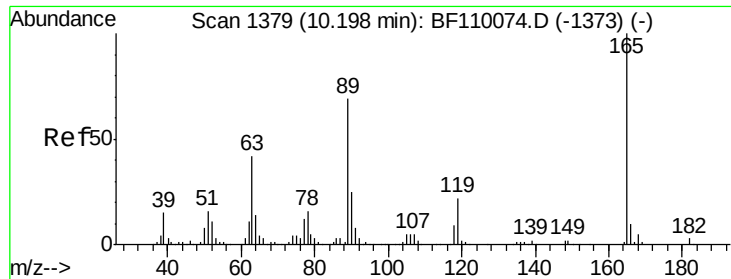
#50
Dimethylphthalate
Concen: 10.170 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110261.D
Acq: 29 Oct 2018 14:39

Tgt Ion:163 Resp: 137101
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 9.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#57

2,4-Dinitrotoluene

Concen: 6.381 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.19 min

Lab File: BF110261.D

Acq: 29 Oct 2018 14:39

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 23535

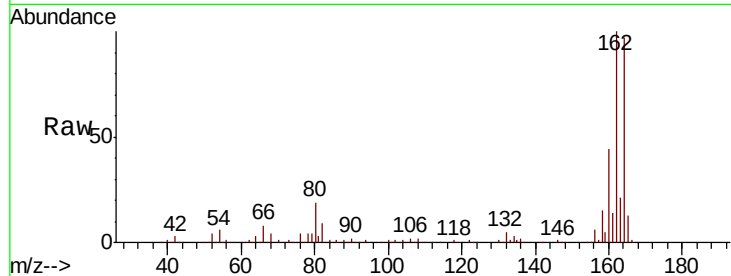
Ion Ratio Lower Upper

165 100

63 1.3 44.8 67.2#

89 1.5 62.2 93.4#

182 0.0 2.1 3.1#

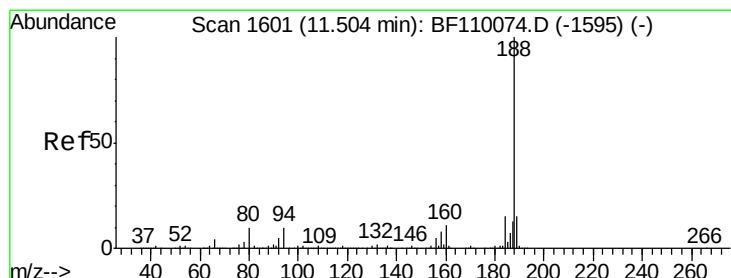
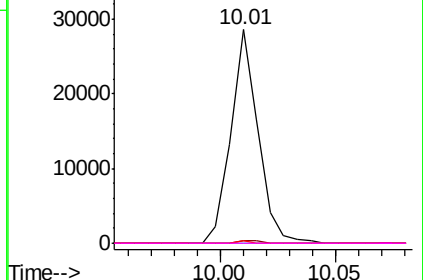
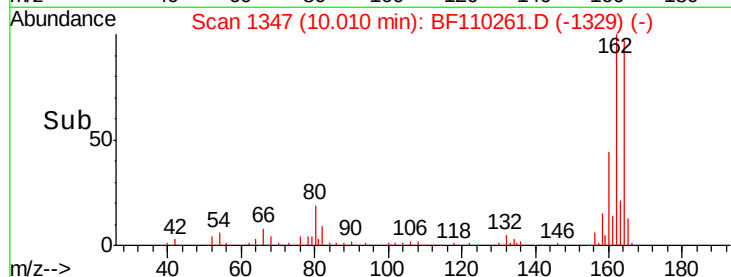


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF110261.D

Acq: 29 Oct 2018 14:39

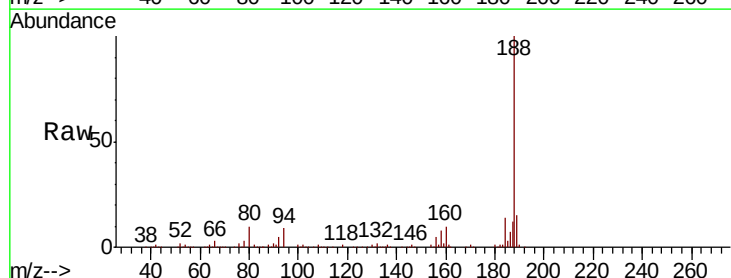
Tgt Ion:188 Resp: 291174

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

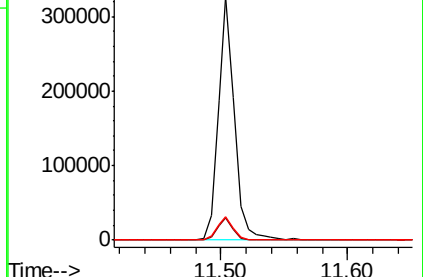
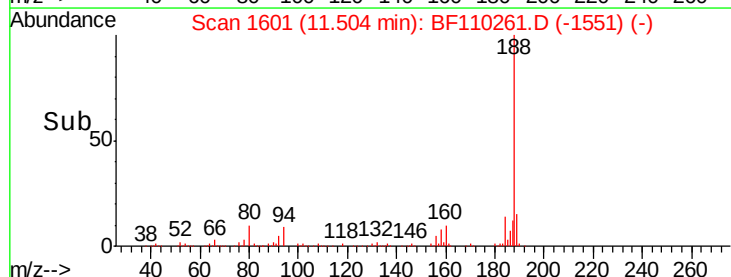
80 9.6 7.9 11.9

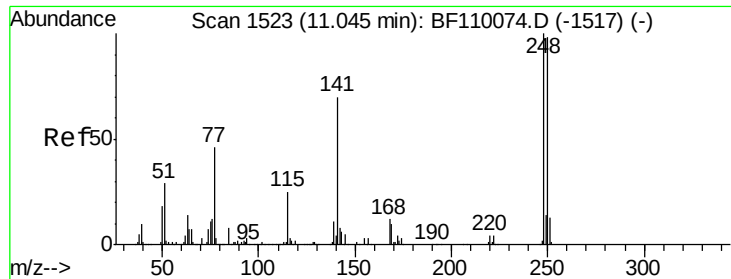


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

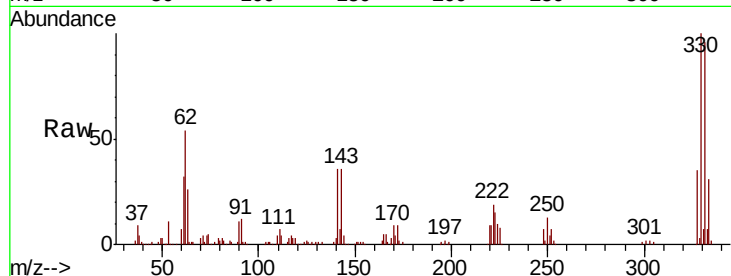




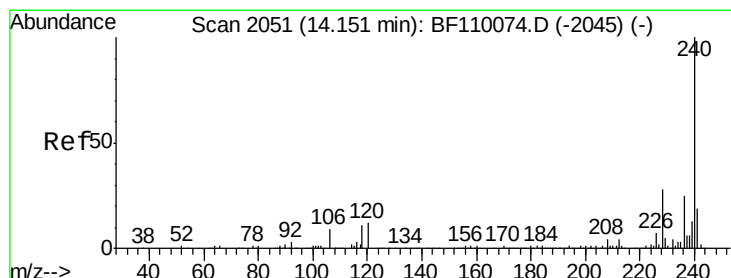
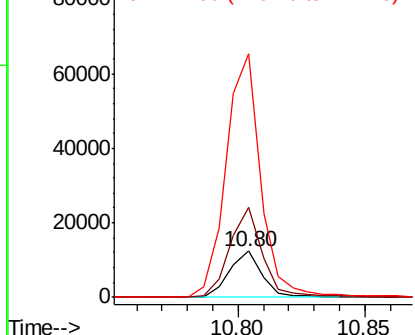
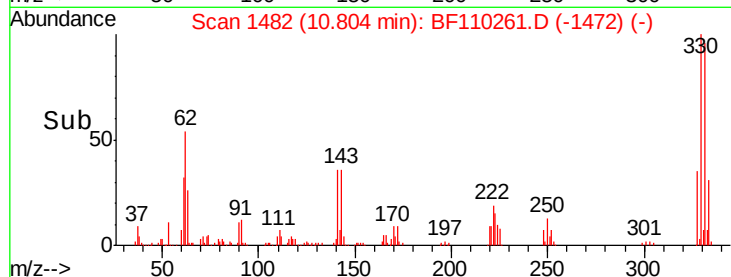
#67
 4-Bromophenyl-phenylether
 Concen: 3.492 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.24 min
 Lab File: BF110261.D
 Acq: 29 Oct 2018 14:39

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11028
 Ion Ratio Lower Upper
 248 100
 250 196.2 79.4 119.2#
 141 529.5 55.9 83.9#

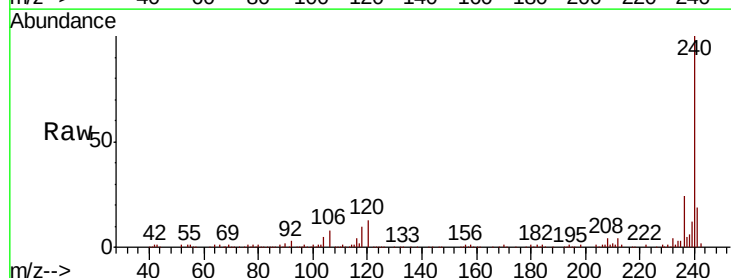


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

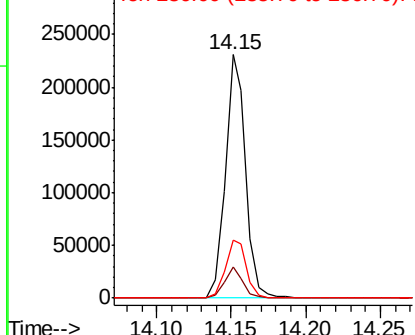
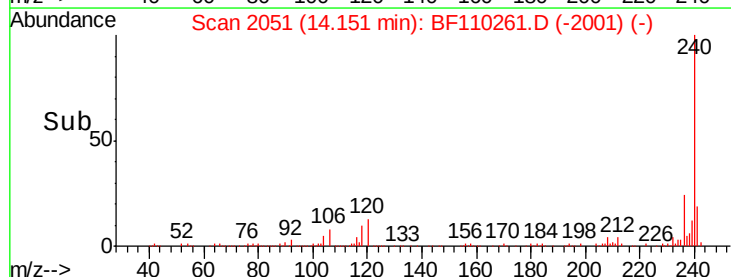


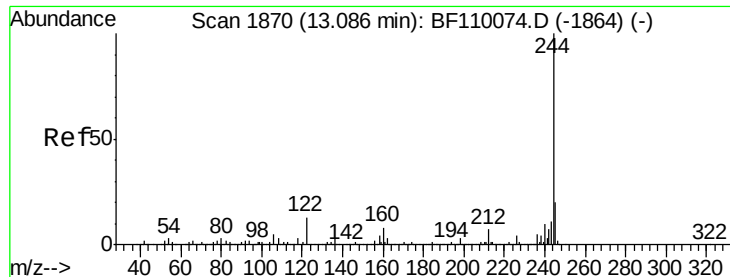
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2051
 Delta R.T. -0.01 min
 Lab File: BF110261.D
 Acq: 29 Oct 2018 14:39

Tgt Ion:240 Resp: 220289
 Ion Ratio Lower Upper
 240 100
 120 12.6 8.3 12.5#
 236 24.0 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: 64.978 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF110261.D

Acq: 29 Oct 2018 14:39

Instrument :

BNA_F

ClientSampleId :

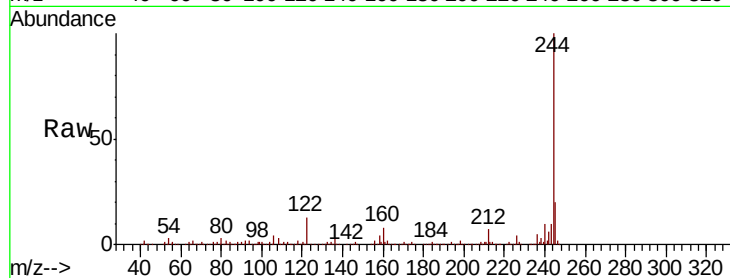
Tot Ion:244 Resp: 688270

Ion Ratio Lower Upper

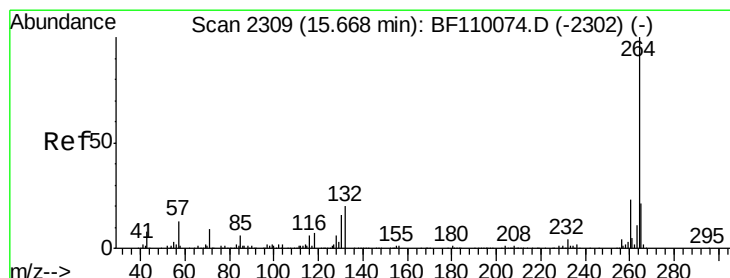
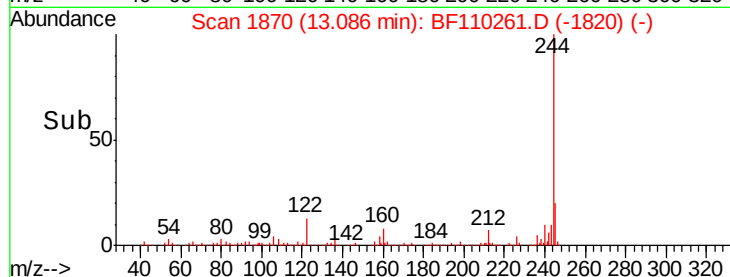
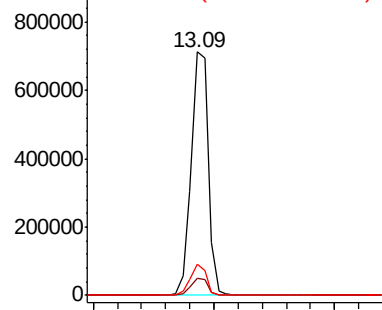
244 100

212 7.1 5.8 8.8

122 13.0 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: 15.69 min Scan# 2312

Delta R.T. 0.00 min

Lab File: BF110261.D

Acq: 29 Oct 2018 14:39

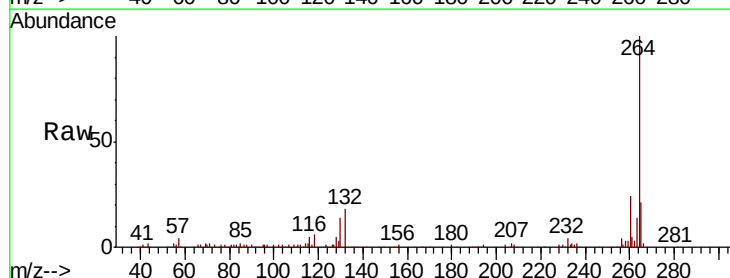
Tgt Ion:264 Resp: 174918

Ion Ratio Lower Upper

264 100

260 24.4 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

