

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
 Data File : BF110260.D
 Acq On : 29 Oct 2018 14:12
 Operator : JU/SJ
 Sample : J5649-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 07:01:26 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

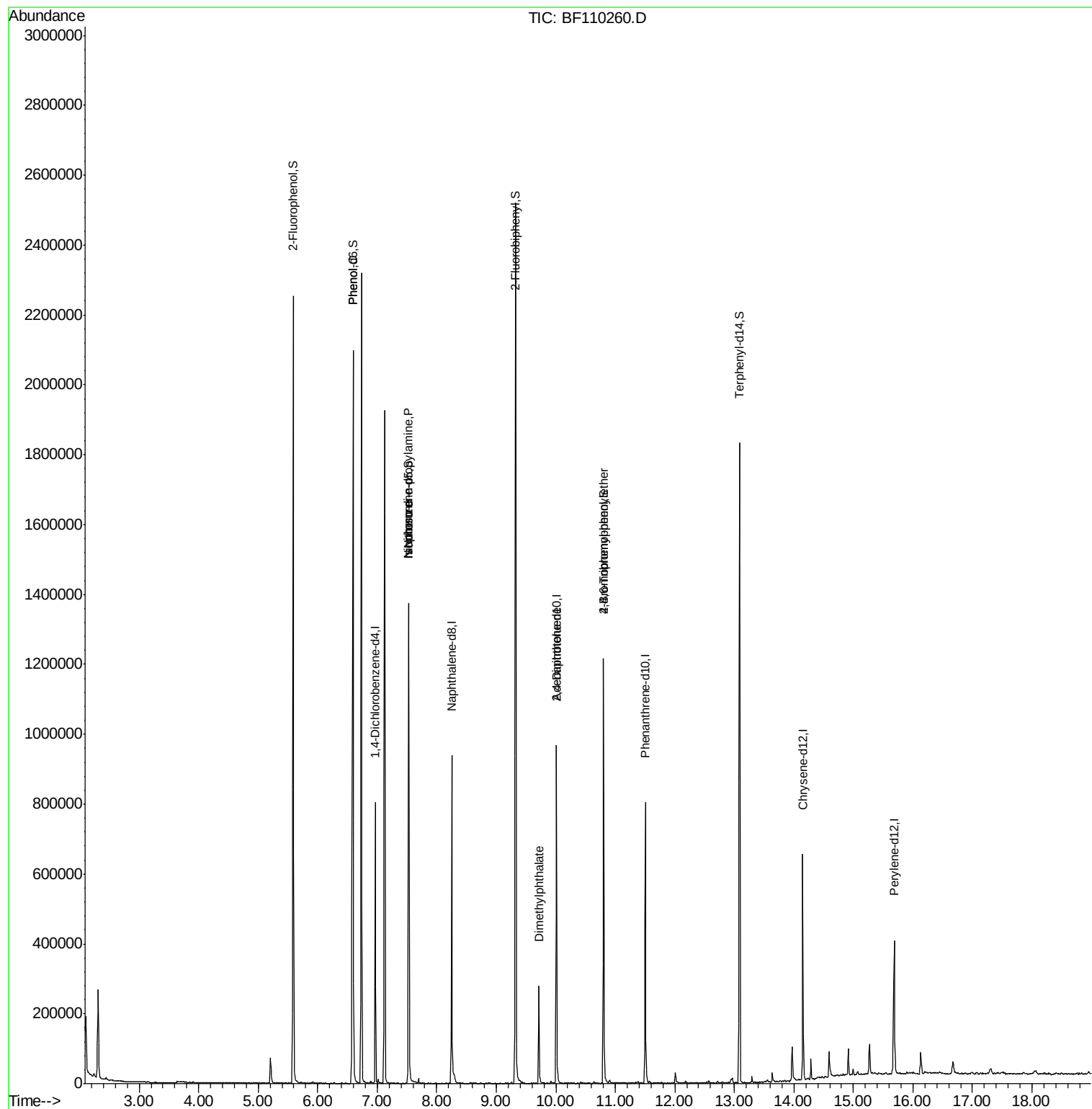
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	112366	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	439658	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	189260	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	292707	20.00	ng	0.00
76) Chrysene-d12	14.15	240	216683	20.00	ng	0.00
87) Perylene-d12	15.69	264	180304	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	607603	88.06	ng	0.00
7) Phenol-d6	6.59	99	772462	87.52	ng	0.00
23) Nitrobenzene-d5	7.53	82	480276	64.79	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	142790	76.16	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	860990	71.43	ng	0.00
79) Terphenyl-d14	13.09	244	598225	57.42	ng	0.00
Target Compounds						
10) Phenol	6.60	94	84035	8.908	ng	# 71
19) n-Nitroso-di-n-propylamine	7.53	70	64611	11.411	ng	# 81
25) Isophorone	7.53	82	480274	38.010	ng	# 67
50) Dimethylphthalate	9.72	163	120373	8.616	ng	# 98
57) 2,4-Dinitrotoluene	10.01	165	24604	6.437	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	8985	2.830	ng	# 1

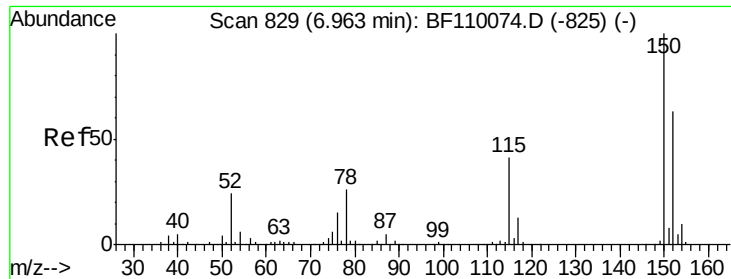
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102918\
Data File : BF110260.D
Acq On : 29 Oct 2018 14:12
Operator : JU/SJ
Sample : J5649-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 30 07:01:26 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

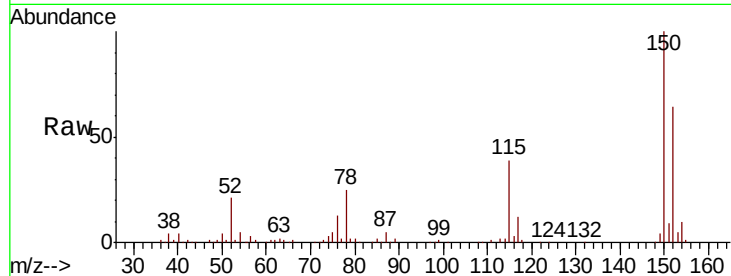




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF110260.D
 Acq: 29 Oct 2018 14:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.7	184.1
115	61.7	49.1	73.7

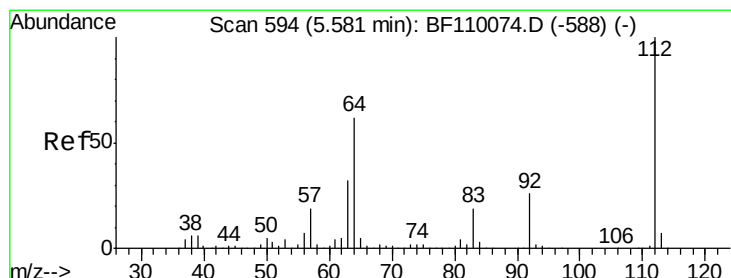
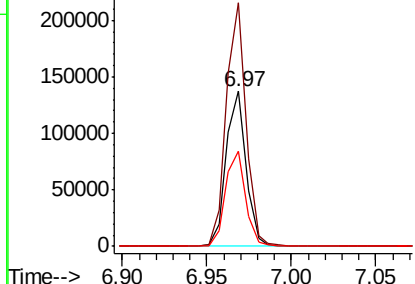
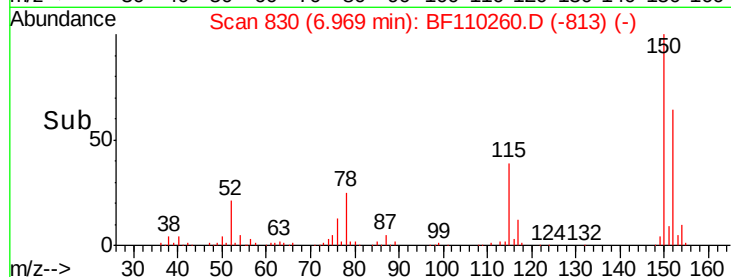


Abundance

Ion 152.00 (151.70 to 152.70): E

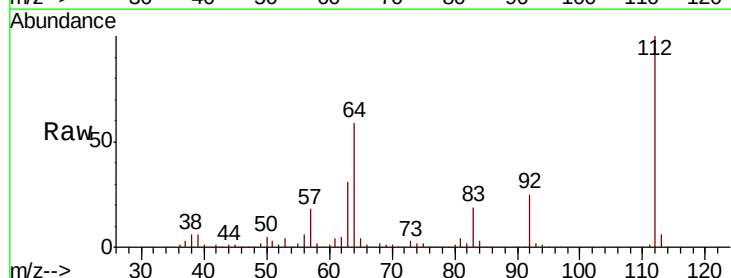
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 88.056 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF110260.D
 Acq: 29 Oct 2018 14:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	44.1	66.1
63	31.4	23.7	35.5

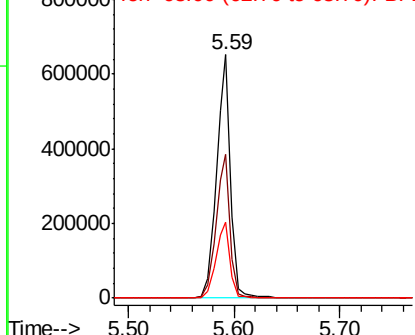
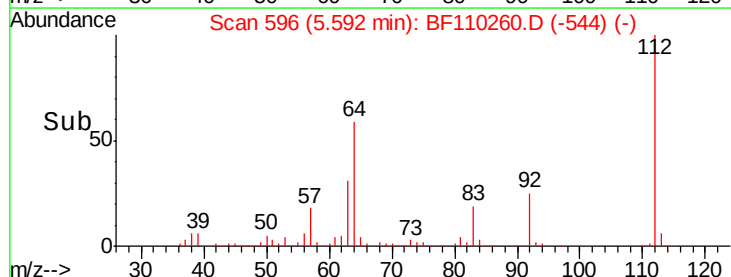


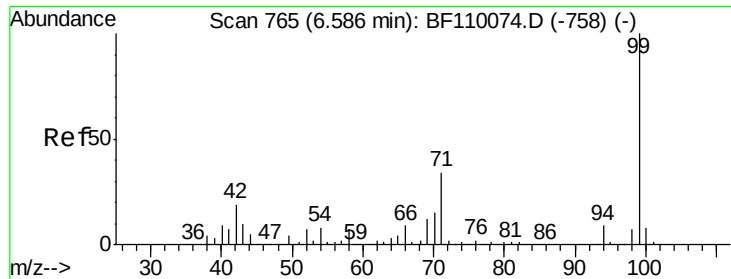
Abundance

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: 87.523 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF110260.D

Acq: 29 Oct 2018 14:12

Instrument :

BNA_F

ClientSampled :

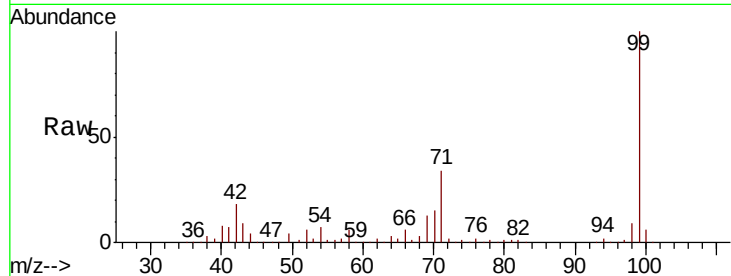
Tot Ion: 99 Resp: 772462

Ion Ratio Lower Upper

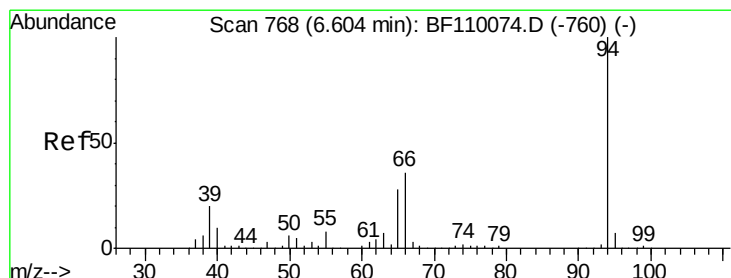
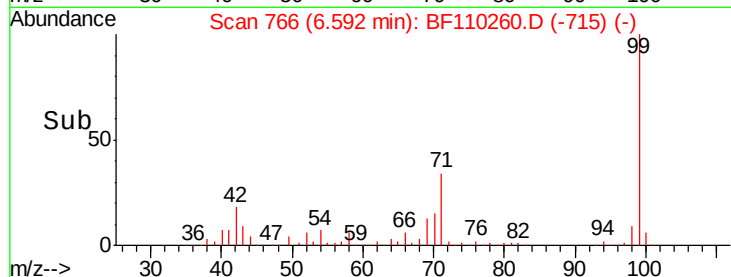
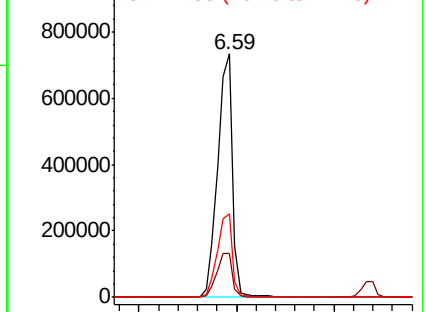
99 100

42 18.3 15.8 23.6

71 34.4 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: 8.908 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF110260.D

Acq: 29 Oct 2018 14:12

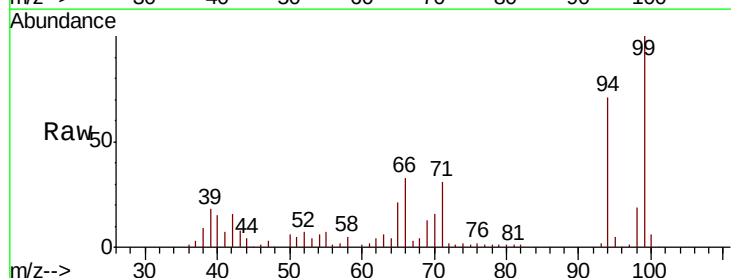
Tgt Ion: 94 Resp: 84035

Ion Ratio Lower Upper

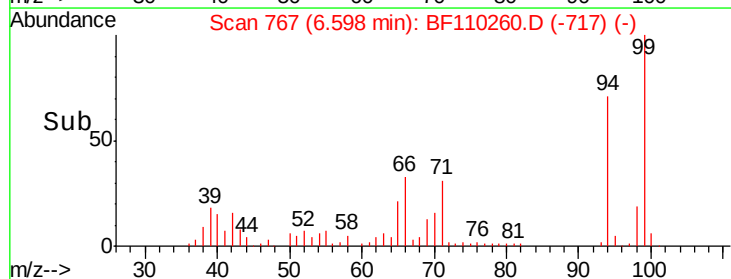
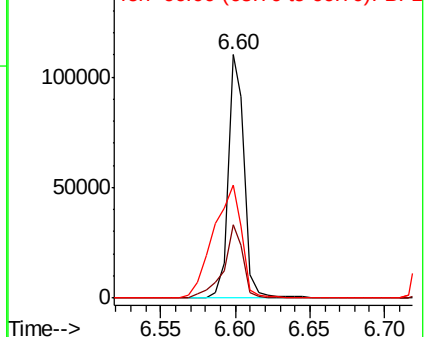
94 100

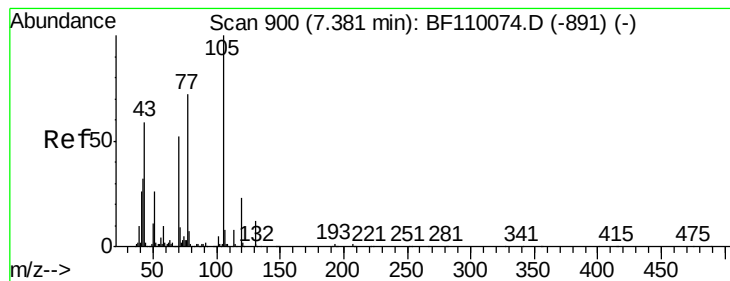
65 30.3 25.3 65.3

66 46.2 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: 11.411 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF110260.D

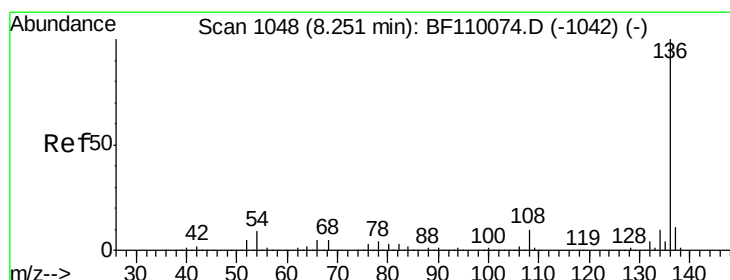
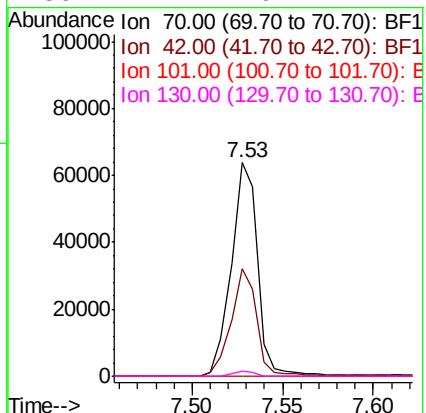
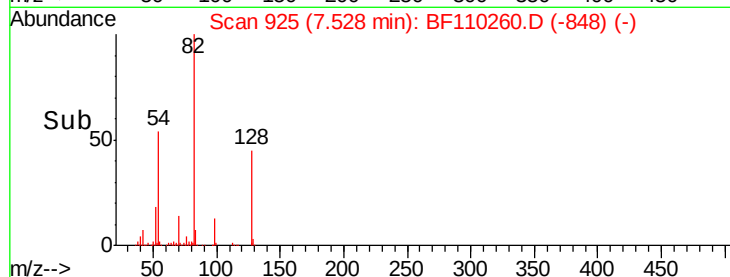
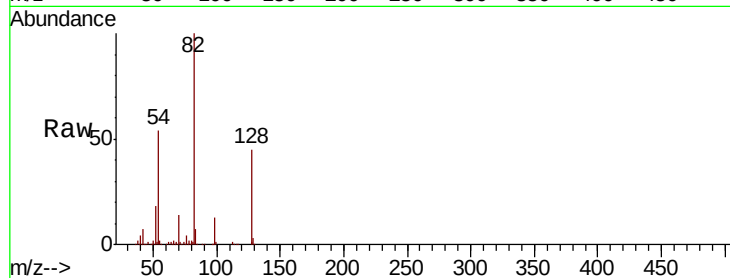
Acq: 29 Oct 2018 14:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	64611
Ion	Ratio	Lower	Upper
70	100		
42	50.4	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

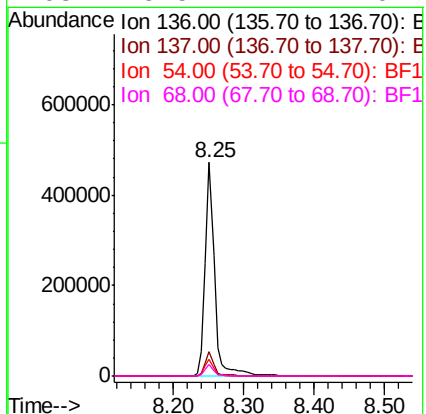
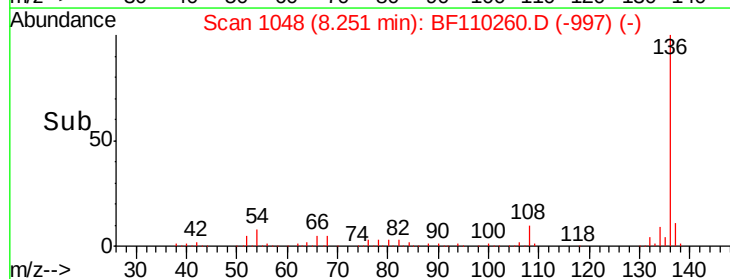
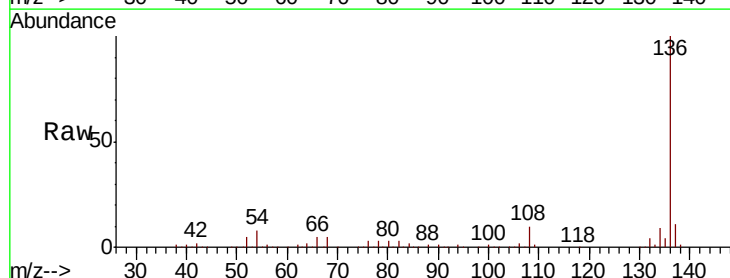
RT: 8.25 min Scan# 1048

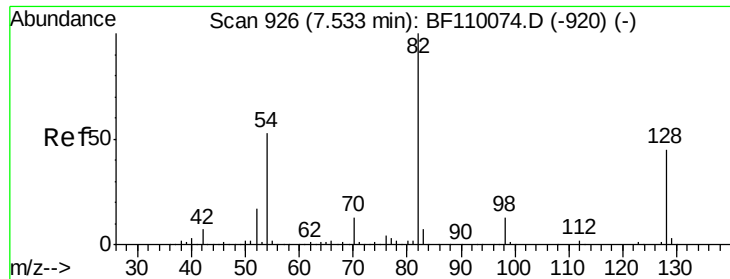
Delta R.T. -0.00 min

Lab File: BF110260.D

Acq: 29 Oct 2018 14:12

Tgt Ion:	136	Resp:	439658
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	7.9	5.4	8.2
68	5.5	4.2	6.2

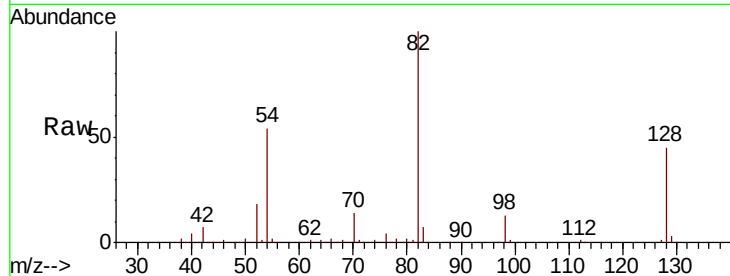




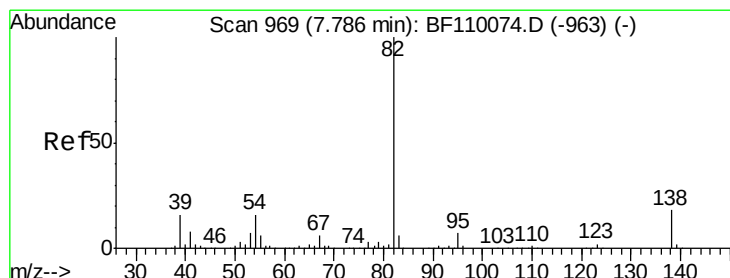
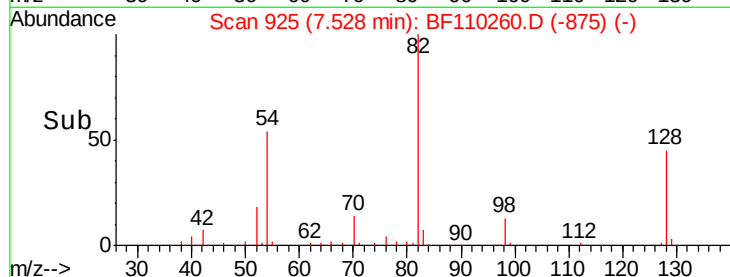
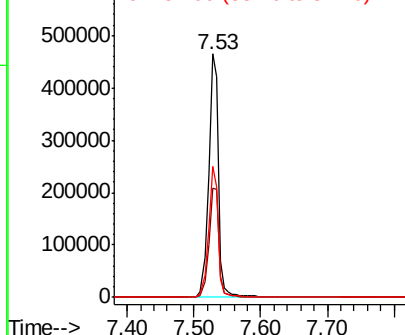
#23
 Nitrobenzene-d5
 Concen: 64.793 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: BF110260.D
 Acq: 29 Oct 2018 14:12

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 480276
 Ion Ratio Lower Upper
 82 100
 128 44.6 34.2 51.2
 54 53.5 38.6 58.0

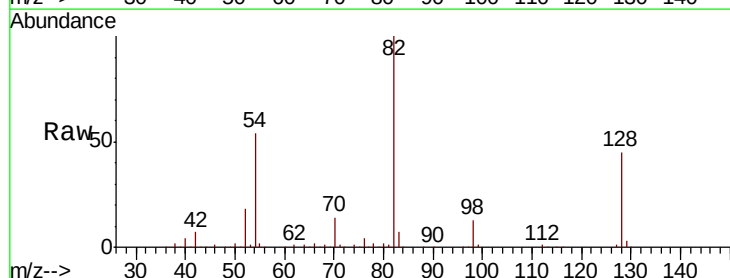


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

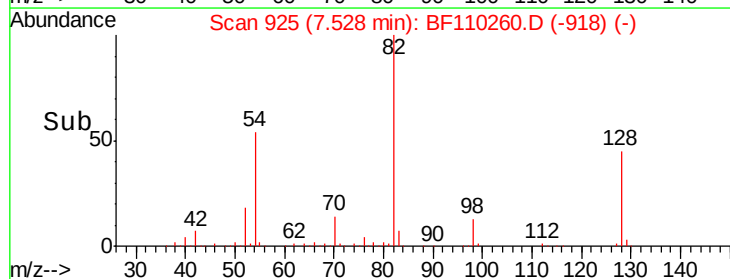
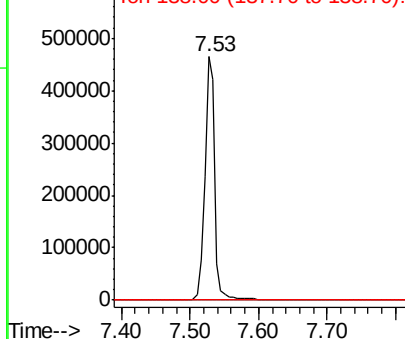


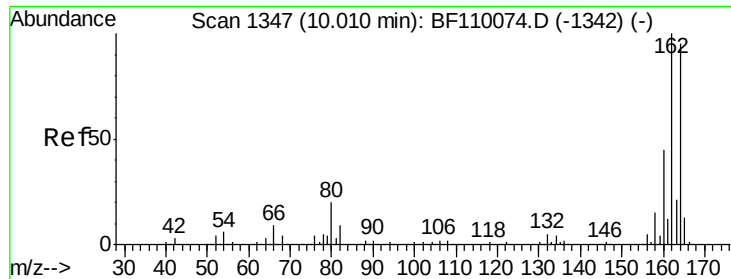
#25
 Isophorone
 Concen: 38.010 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.26 min
 Lab File: BF110260.D
 Acq: 29 Oct 2018 14:12

Tgt Ion: 82 Resp: 480274
 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. -0.01 min

Lab File: BF110260.D

Acq: 29 Oct 2018 14:12

Instrument :

BNA_F

ClientSampleId :

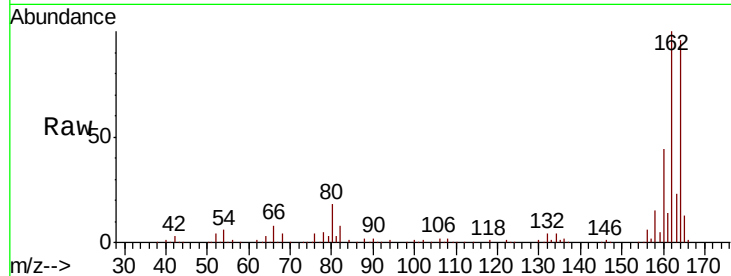
Tot Ion:164 Resp: 189260

Ion Ratio Lower Upper

164 100

162 103.9 83.0 124.6

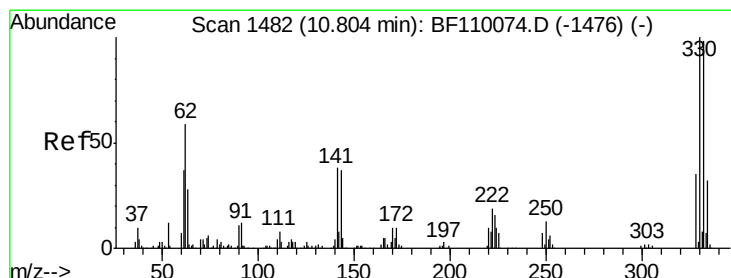
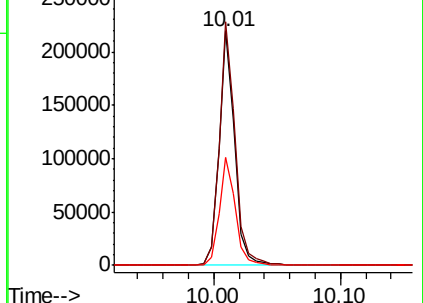
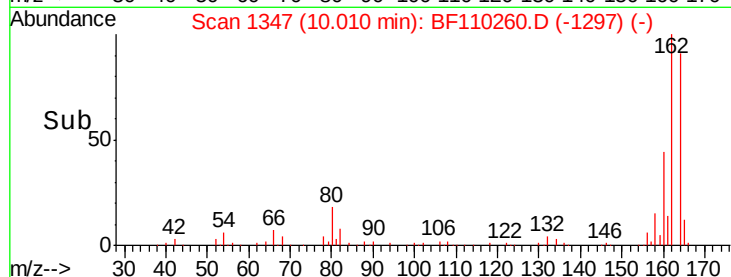
160 46.0 37.0 55.6



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: 76.165 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110260.D

Acq: 29 Oct 2018 14:12

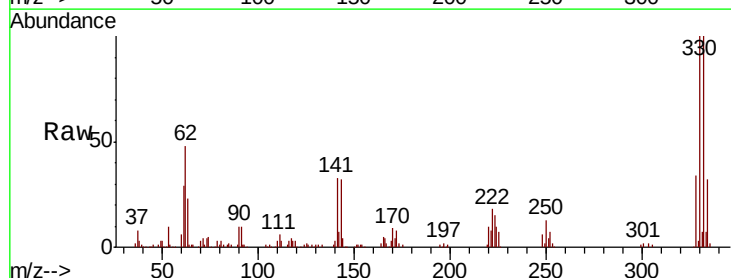
Tgt Ion:330 Resp: 142790

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

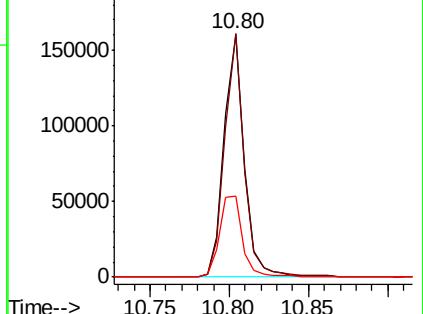
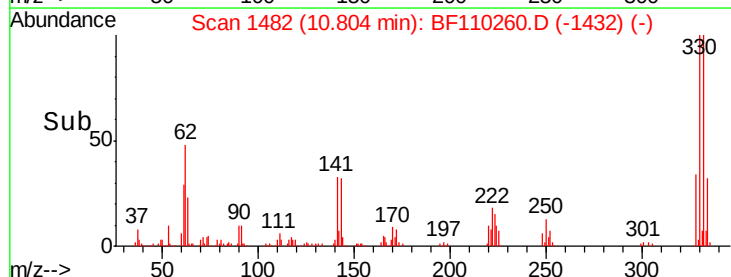
141 37.8 27.0 40.4

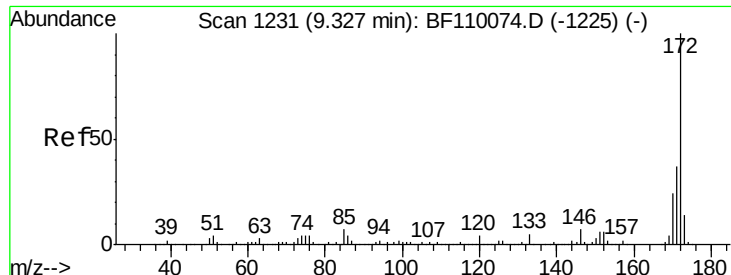


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

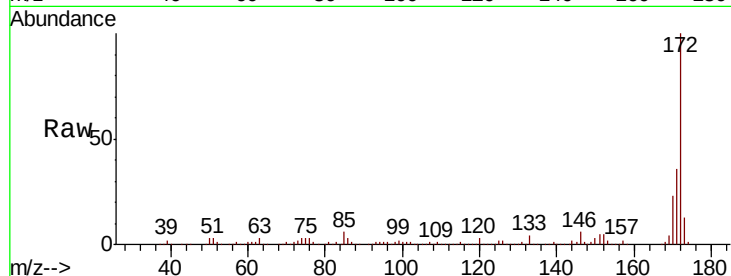




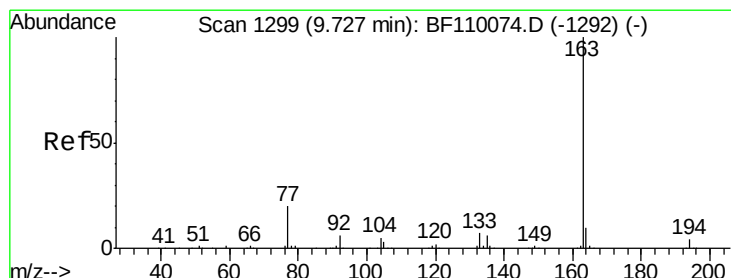
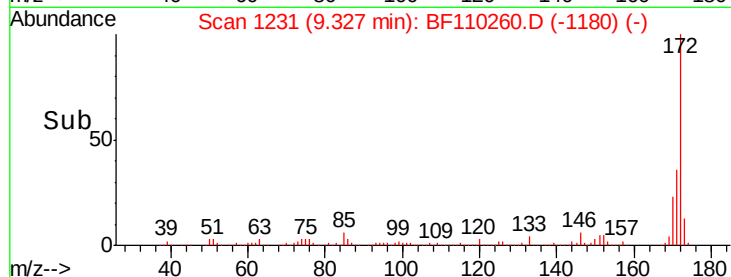
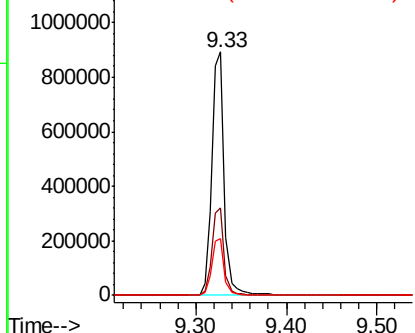
#45
2-Fluorobiphenyl
Concen: 71.435 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF110260.D
Acq: 29 Oct 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 860990
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.3 19.7 29.5

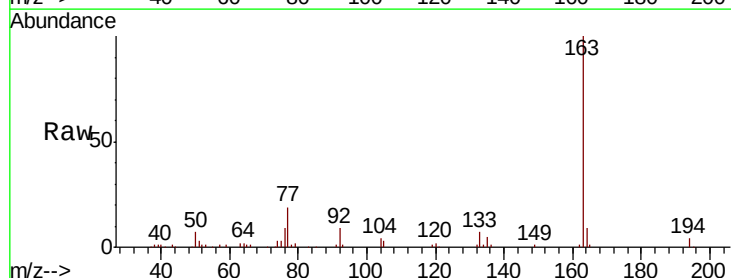


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

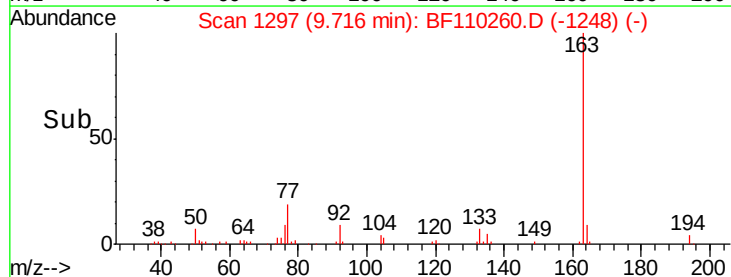
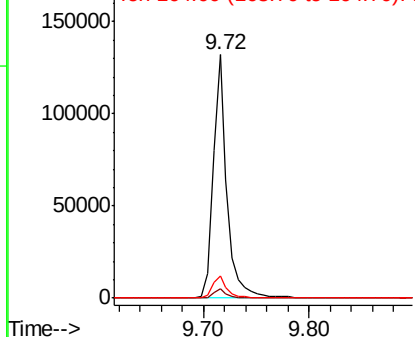


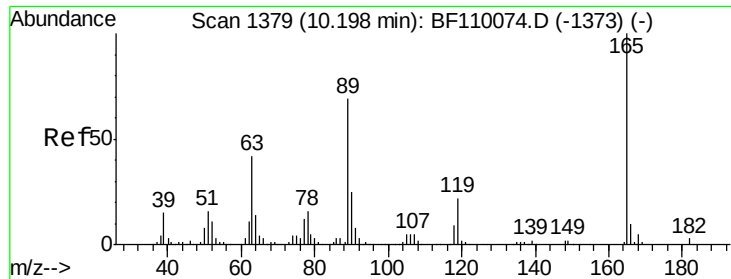
#50
Dimethylphthalate
Concen: 8.616 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110260.D
Acq: 29 Oct 2018 14:12

Tgt Ion:163 Resp: 120373
Ion Ratio Lower Upper
163 100
194 3.7 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

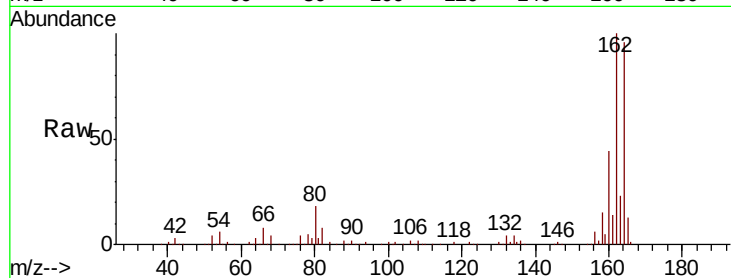




#57
2,4-Dinitrotoluene
Concen: 6.437 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.19 min
Lab File: BF110260.D
Acq: 29 Oct 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#

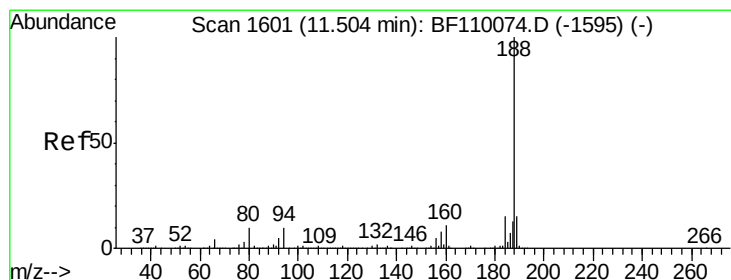
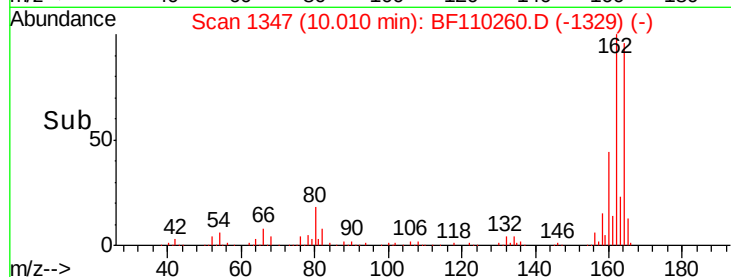
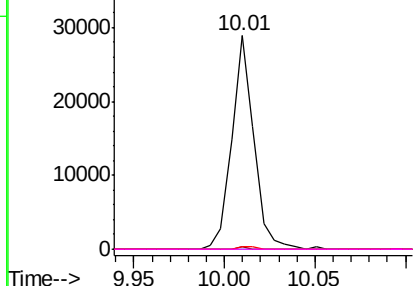


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

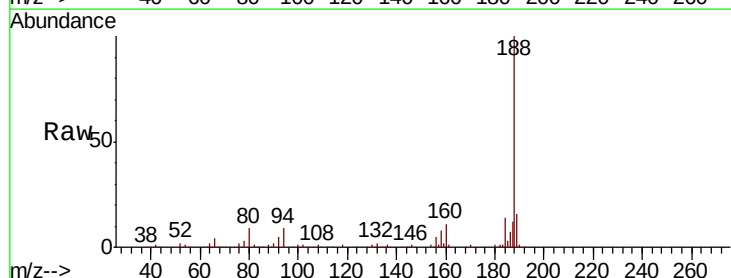
Ion 89.00 (88.70 to 89.70): BF1

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: BF110260.D
Acq: 29 Oct 2018 14:12

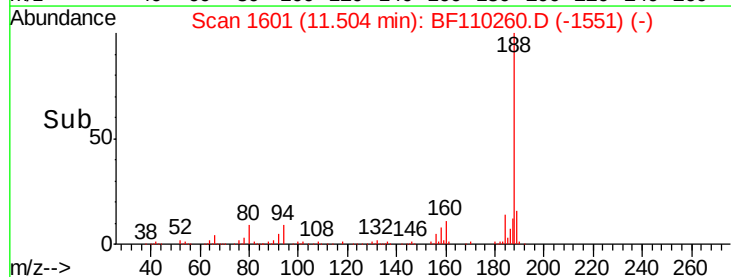
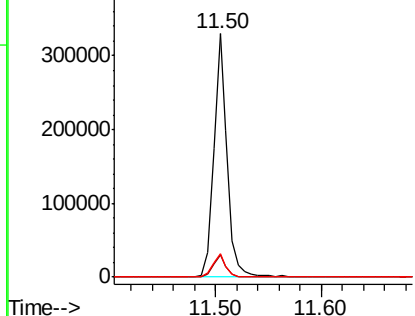
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.4	7.9	11.9

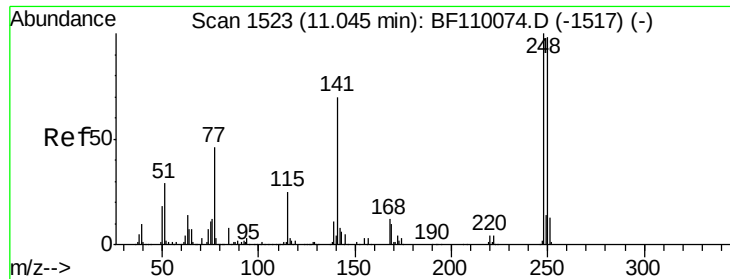


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

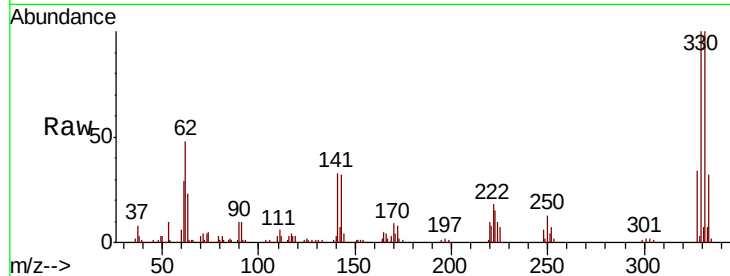




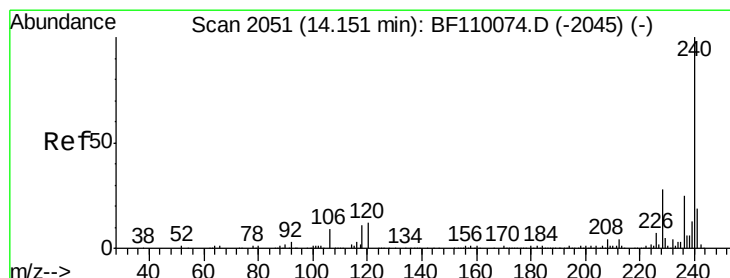
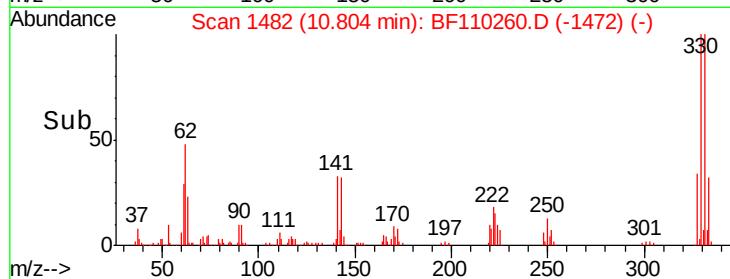
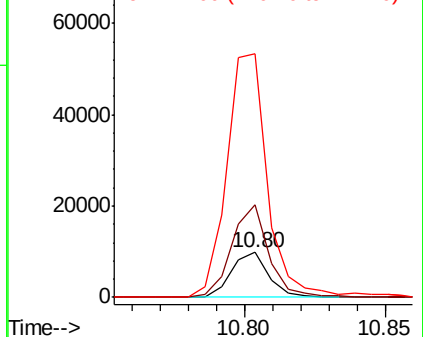
#67
4-Bromophenyl-phenylether
Concen: 2.830 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.24 min
Lab File: BF110260.D
Acq: 29 Oct 2018 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8985
Ion Ratio Lower Upper
248 100
250 207.2 79.4 119.2#
141 542.8 55.9 83.9#

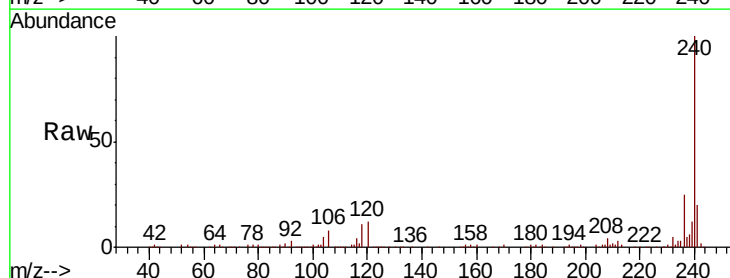


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

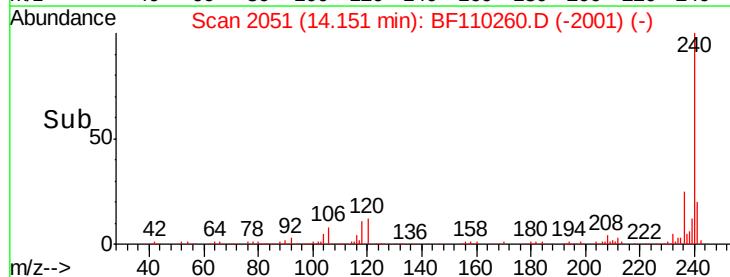
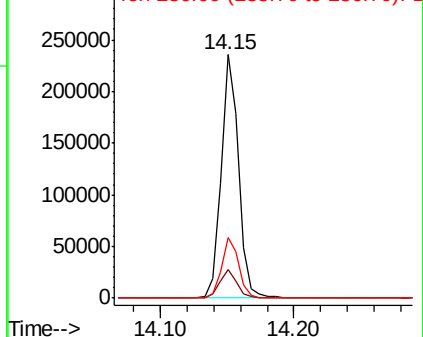


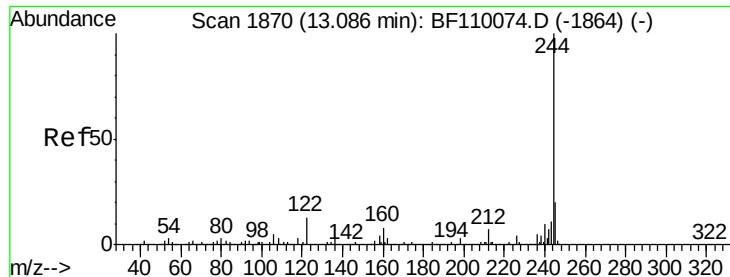
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF110260.D
Acq: 29 Oct 2018 14:12

Tgt Ion:240 Resp: 216683
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 25.0 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: 57.417 ng

RT: 13.09 min Scan# 1870

Delta R.T. -0.01 min

Lab File: BF110260.D

Acq: 29 Oct 2018 14:12

Instrument :

BNA_F

ClientSampleId :

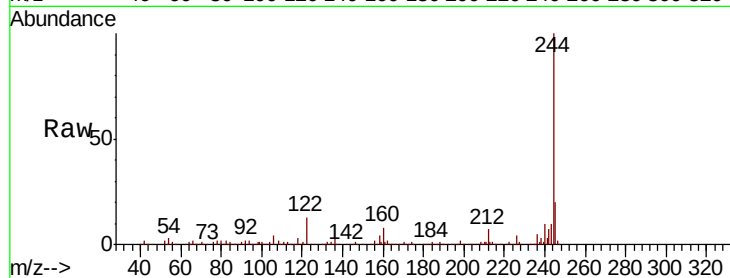
Tot Ion:244 Resp: 598225

Ion Ratio Lower Upper

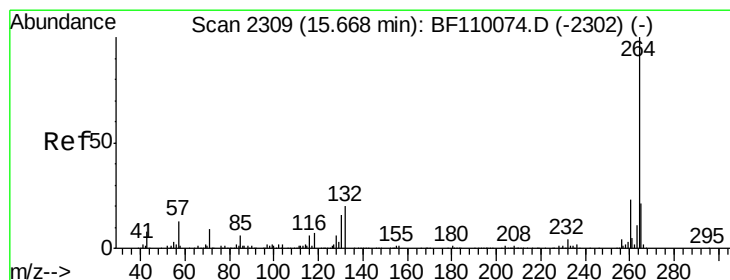
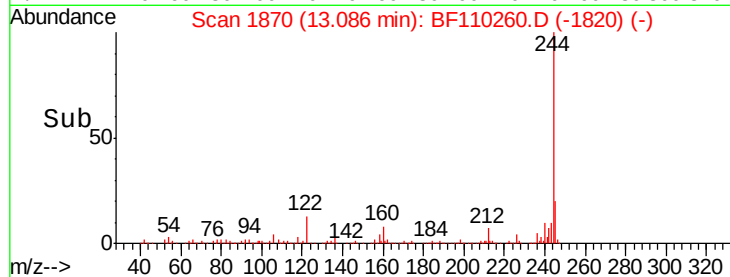
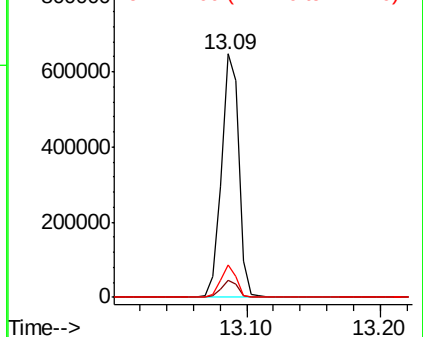
244 100

212 7.2 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: 15.69 min Scan# 2312

Delta R.T. -0.00 min

Lab File: BF110260.D

Acq: 29 Oct 2018 14:12

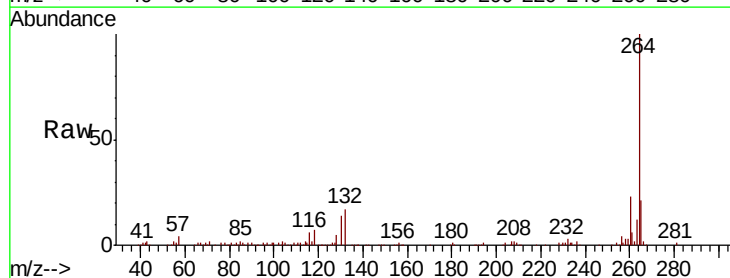
Tgt Ion:264 Resp: 180304

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 20.7 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

