

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110218\
 Data File : BF110443.D
 Acq On : 3 Nov 2018 6:42
 Operator : JU/SJ
 Sample : J5789-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 05 03:45:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

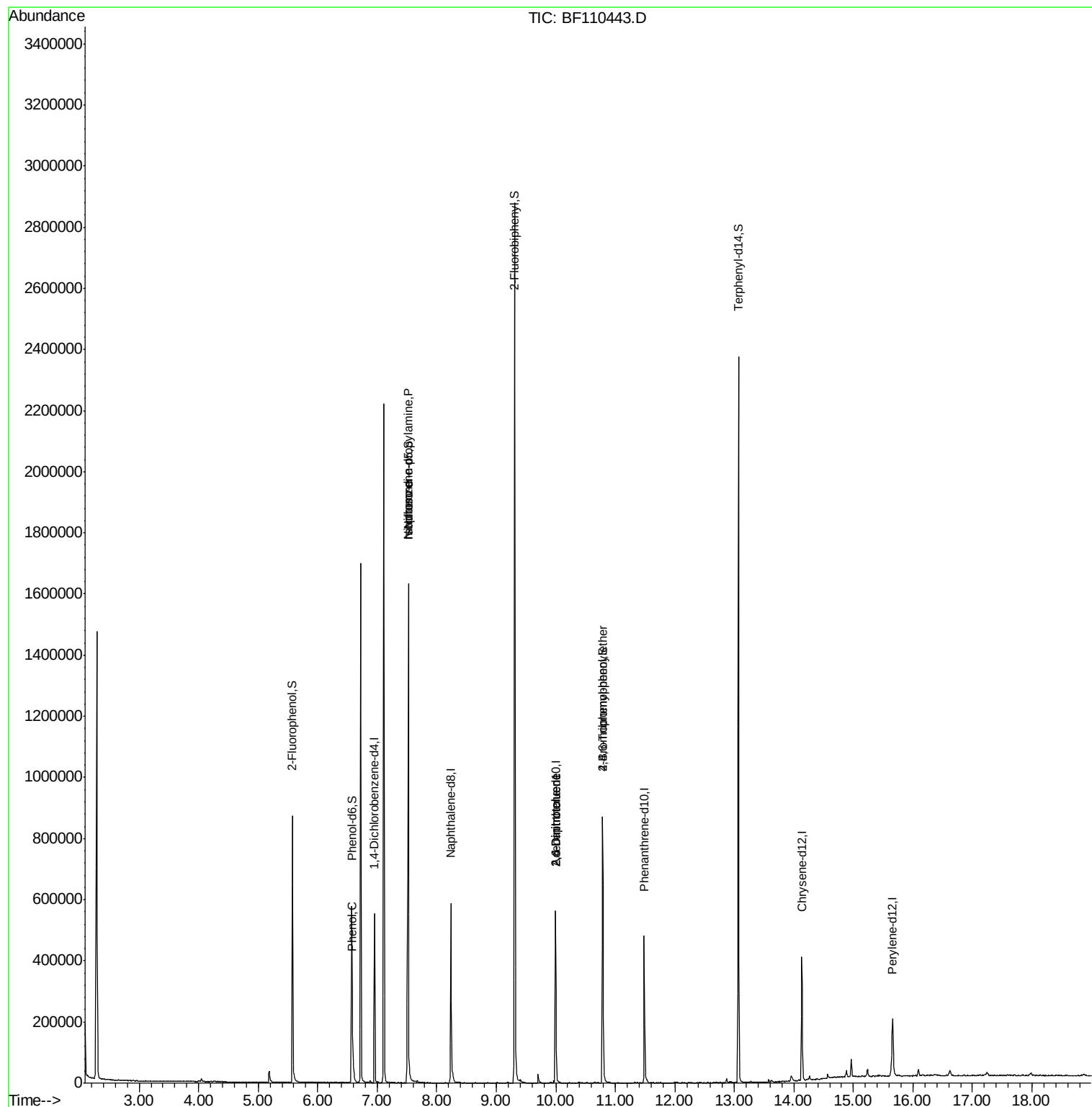
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	87695	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	320003	20.00	ng	0.00
39) Acenaphthene-d10	10.00	164	127216	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	218964	20.00	ng	0.00
76) Chrysene-d12	14.13	240	151285	20.00	ng	0.00
87) Perylene-d12	15.66	264	109295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	244566	45.41	ng	0.00
7) Phenol-d6	6.57	99	194054	28.17	ng	0.00
23) Nitrobenzene-d5	7.52	82	565083	104.74	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	109433	86.84	ng	0.00
45) 2-Fluorobiphenyl	9.31	172	944833	116.62	ng	0.00
79) Terphenyl-d14	13.07	244	861770	118.47	ng	0.00
Target Compounds						
10) Phenol	6.59	94	26993	3.666	ng	# 67
19) n-Nitroso-di-n-propylamine	7.52	70	75862	17.167	ng	# 78
25) Isophorone	7.52	82	565078	61.444	ng	# 67
51) 2,6-Dinitrotoluene	10.00	165	16365	8.090	ng	# 22
57) 2,4-Dinitrotoluene	10.00	165	16365	6.369	ng	# 18
67) 4-Bromophenyl-phenylether	10.79	248	6939	2.922	ng	# 1

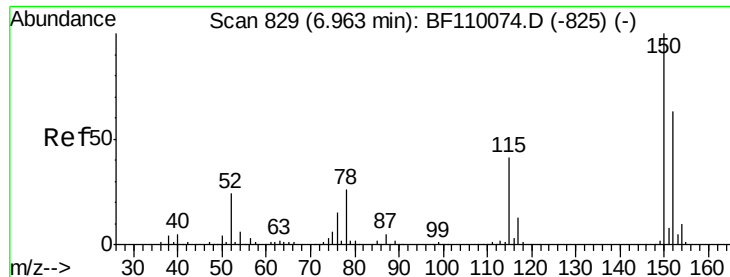
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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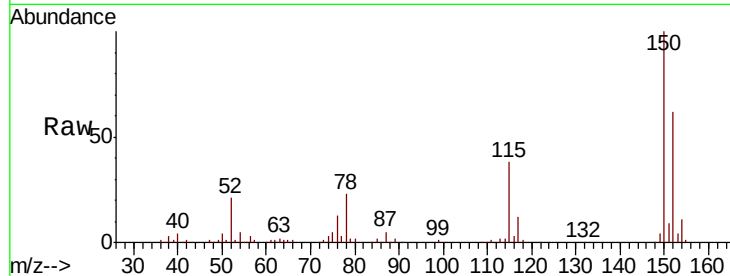


#1

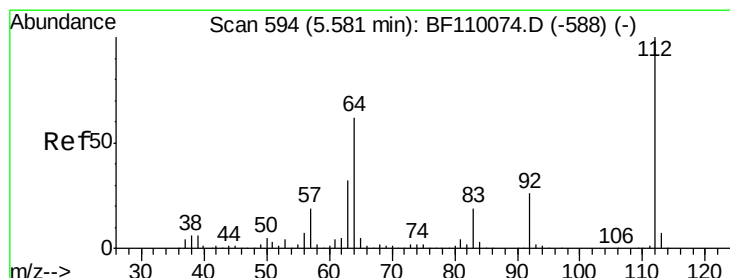
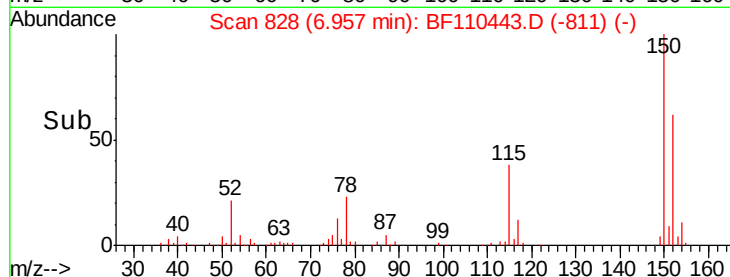
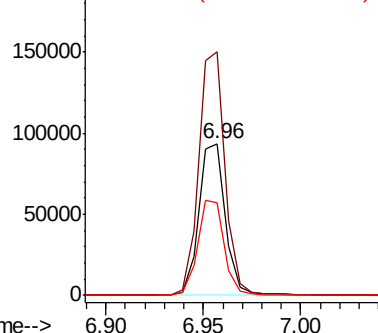
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF110443.D
Acq: 3 Nov 2018 6:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87695
Ion Ratio Lower Upper
152 100
150 160.1 122.7 184.1
115 60.8 49.1 73.7



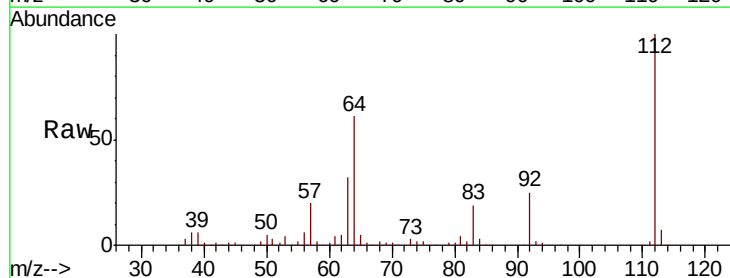
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



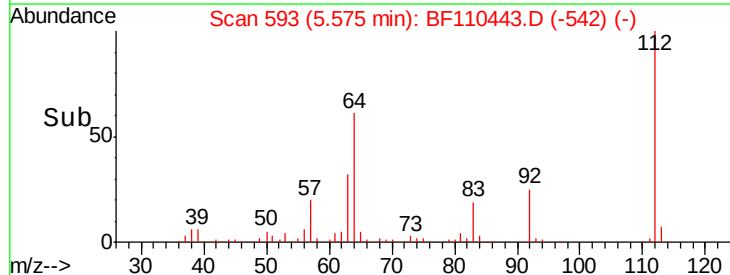
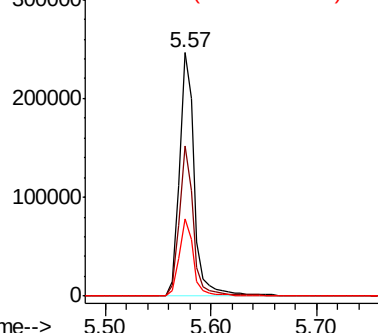
#5

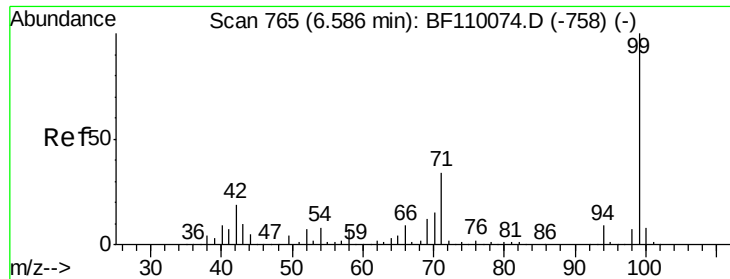
2-Fluorophenol
Concen: 45.415 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.00 min
Lab File: BF110443.D
Acq: 3 Nov 2018 6:42

Tgt Ion:112 Resp: 244566
Ion Ratio Lower Upper
112 100
64 61.4 44.1 66.1
63 31.8 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: 28.173 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110443.D

Acq: 3 Nov 2018 6:42

Instrument :

BNA_F

ClientSampleId :

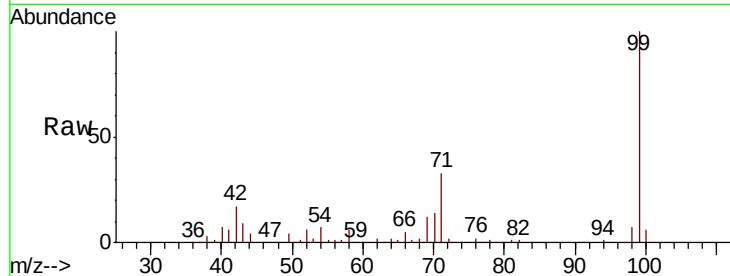
Tot Ion: 99 Resp: 194054

Ion Ratio Lower Upper

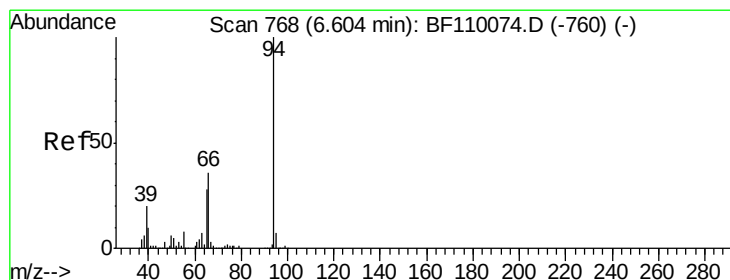
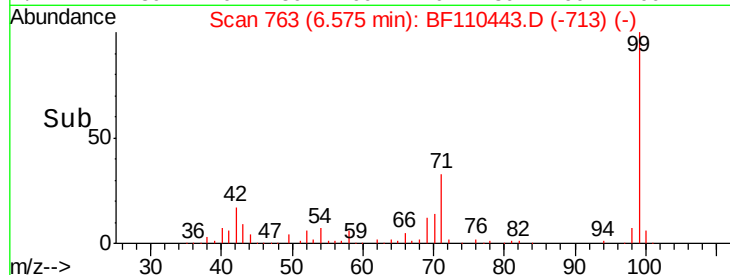
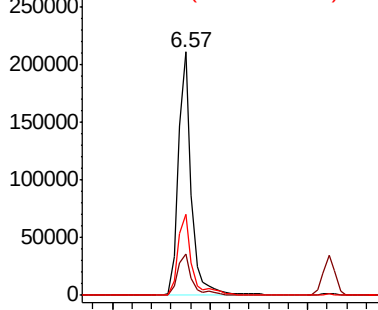
99 100

42 17.0 15.8 23.6

71 33.2 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: 3.666 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110443.D

Acq: 3 Nov 2018 6:42

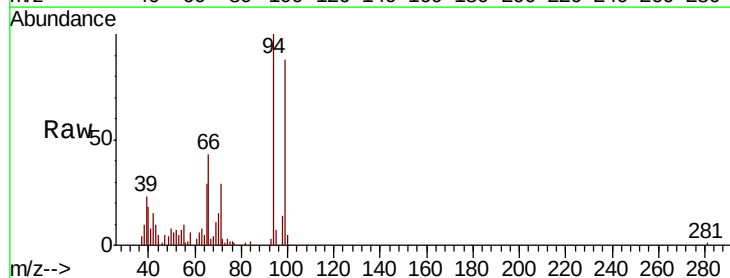
Tgt Ion: 94 Resp: 26993

Ion Ratio Lower Upper

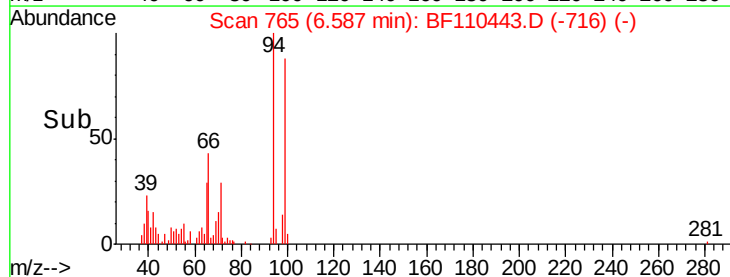
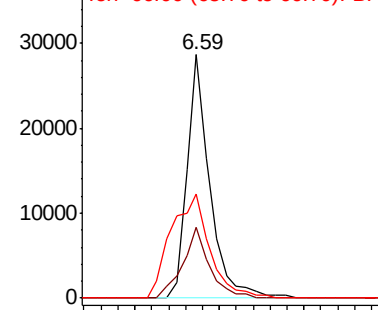
94 100

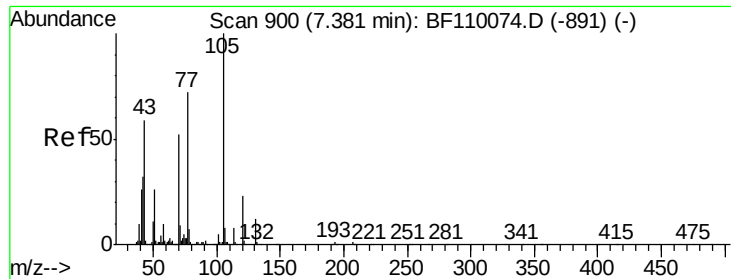
65 29.2 25.3 65.3

66 42.7 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

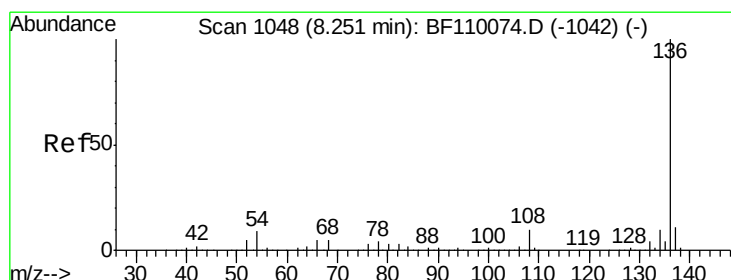
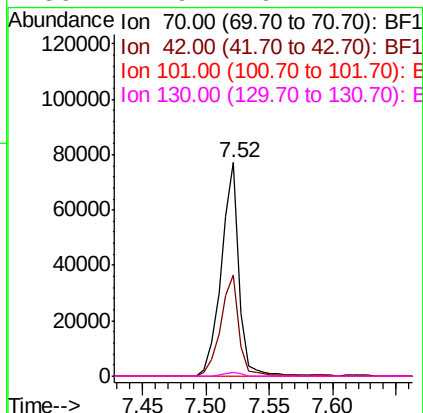
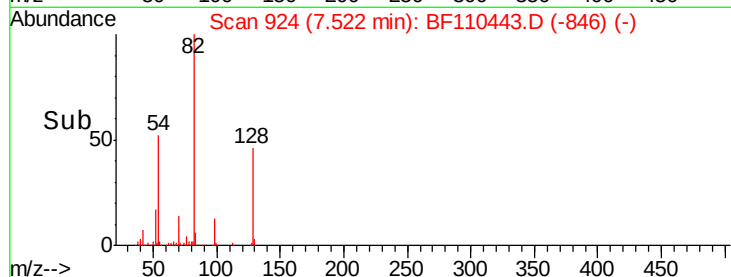
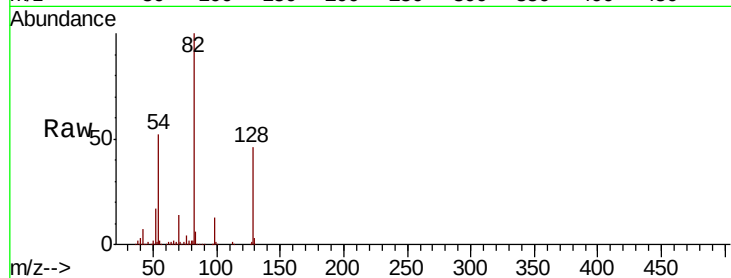




#19
n-Nitroso-di-n-propylamine
Concen: 17.167 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.16 min
Lab File: BF110443.D
Acq: 3 Nov 2018 6:42

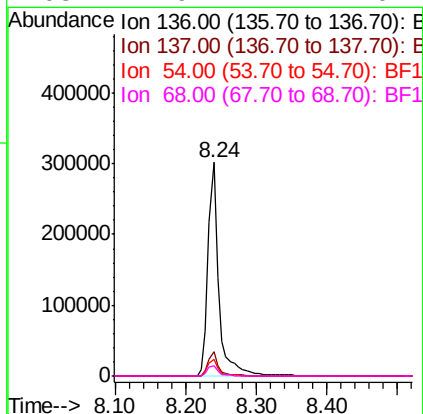
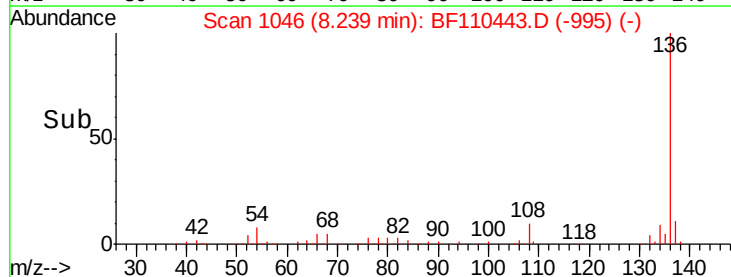
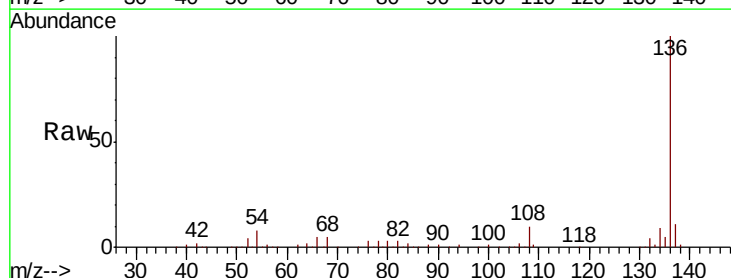
Instrument :
BNA_F
ClientSampleId :

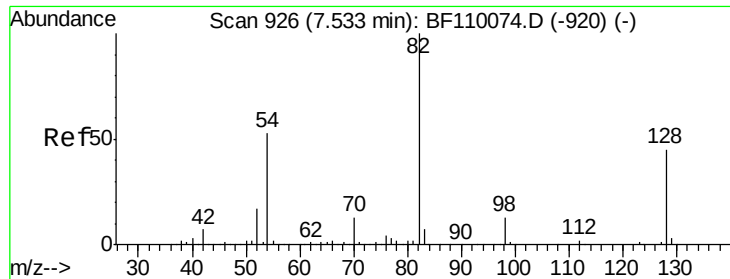
Tot Ion: 70 Resp: 75862
Ion Ratio Lower Upper
70 100
42 47.3 47.4 71.2#
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110443.D
Acq: 3 Nov 2018 6:42

Tgt Ion: 136 Resp: 320003
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 7.5 5.4 8.2
68 4.9 4.2 6.2

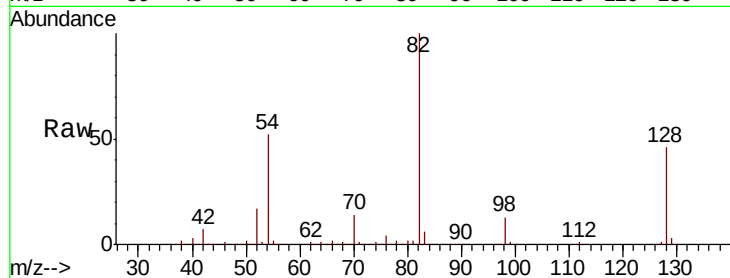




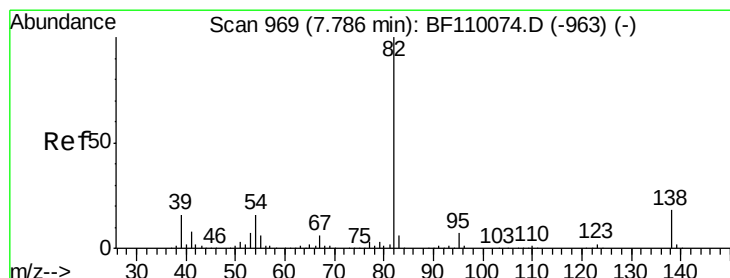
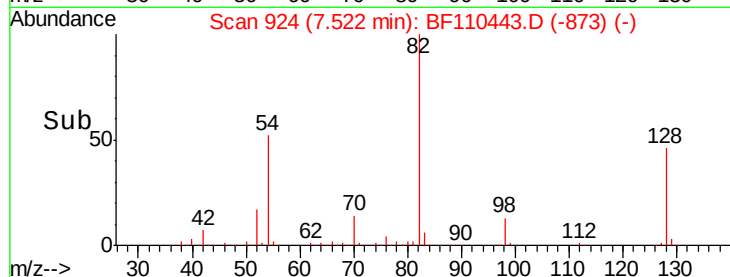
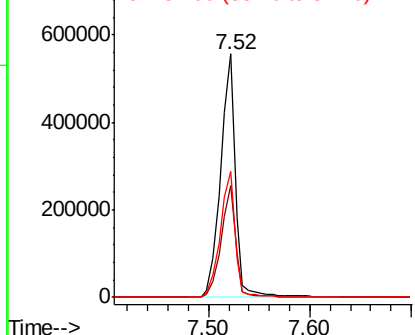
#23
 Nitrobenzene-d5
 Concen: 104.739 ng
 RT: 7.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF110443.D
 Acq: 3 Nov 2018 6:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 565083
 Ion Ratio Lower Upper
 82 100
 128 45.9 34.2 51.2
 54 51.8 38.6 58.0

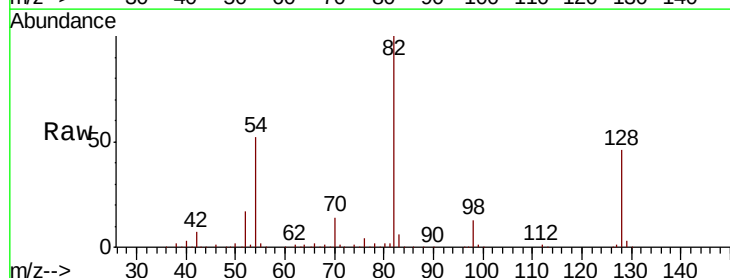


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

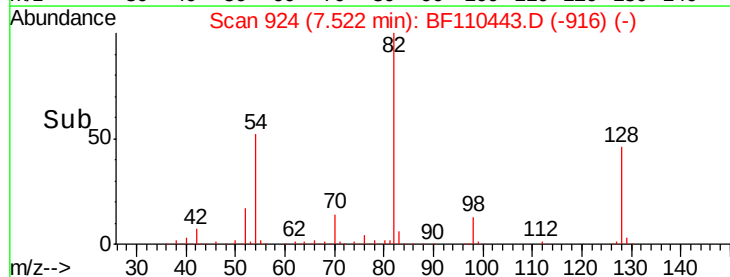
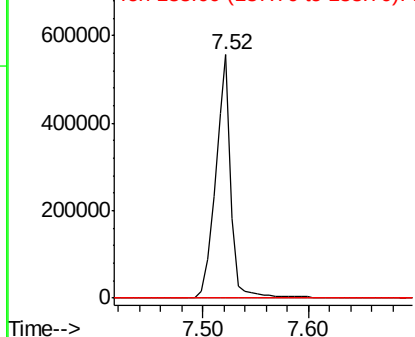


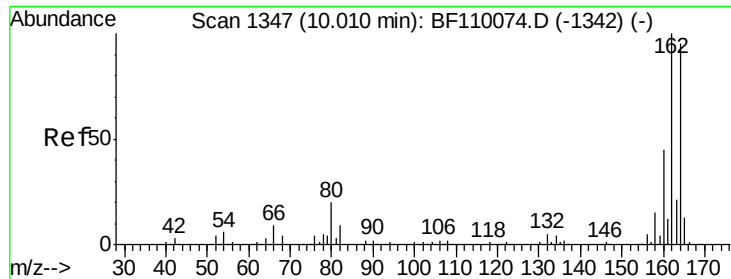
#25
 Isophorone
 Concen: 61.444 ng
 RT: 7.52 min Scan# 924
 Delta R.T. -0.25 min
 Lab File: BF110443.D
 Acq: 3 Nov 2018 6:42

Tgt Ion: 82 Resp: 565078
 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: 10.00 min Scan# 1345

Delta R.T. 0.00 min

Lab File: BF110443.D

Acq: 3 Nov 2018 6:42

Instrument :

BNA_F

ClientSampleId :

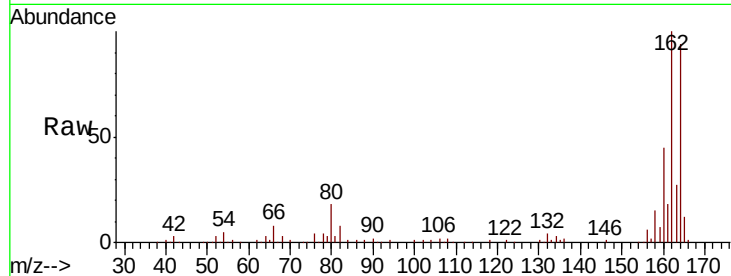
Tot Ion:164 Resp: 127216

Ion Ratio Lower Upper

164 100

162 106.4 83.0 124.6

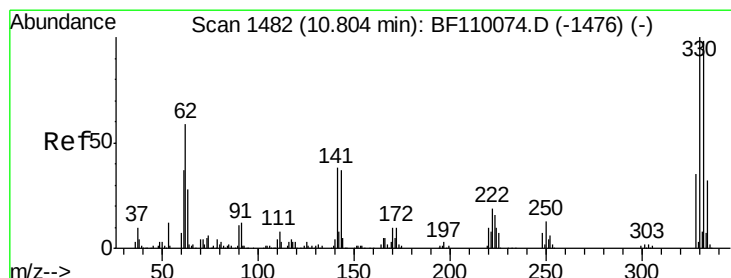
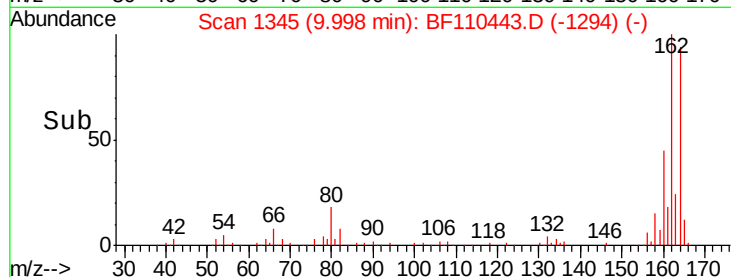
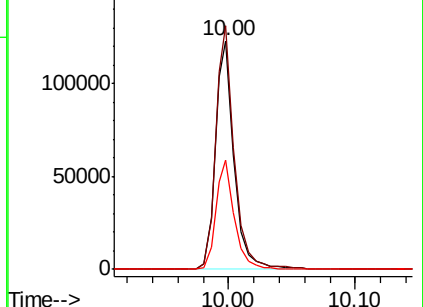
160 47.5 37.0 55.6



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: 86.841 ng

RT: 10.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BF110443.D

Acq: 3 Nov 2018 6:42

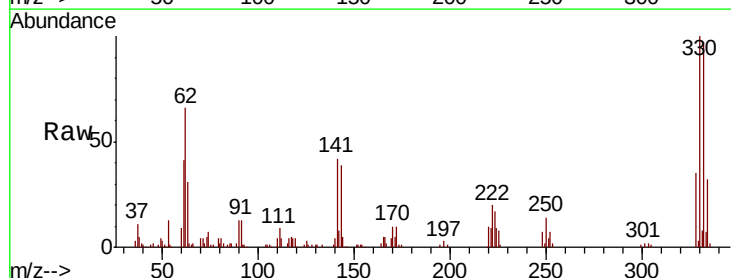
Tgt Ion:330 Resp: 109433

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

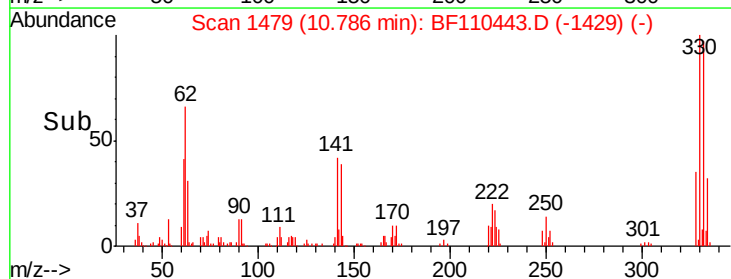
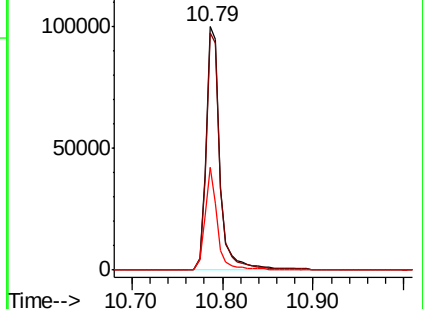
141 37.0 27.0 40.4

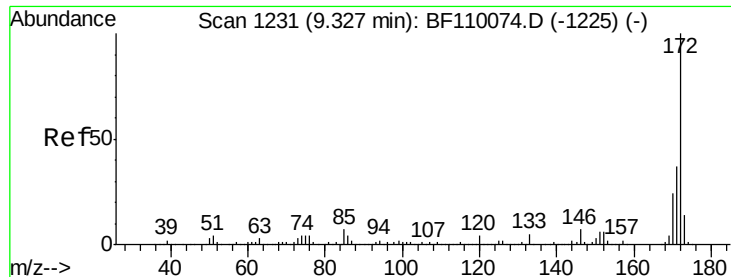


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

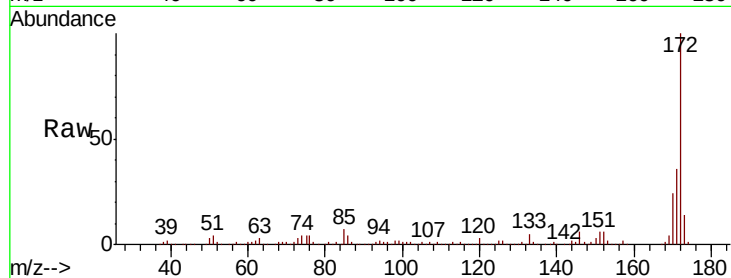




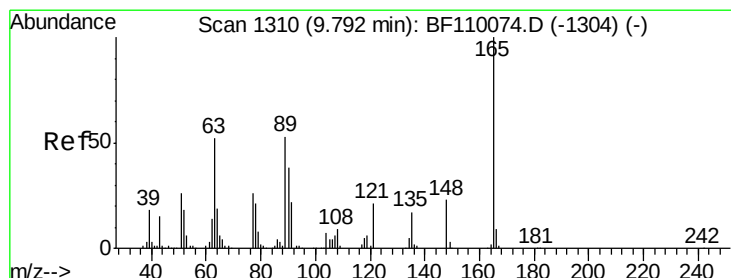
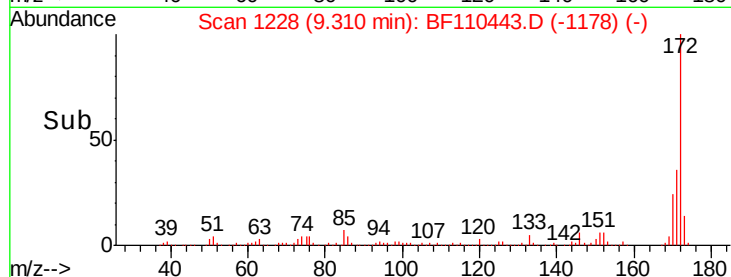
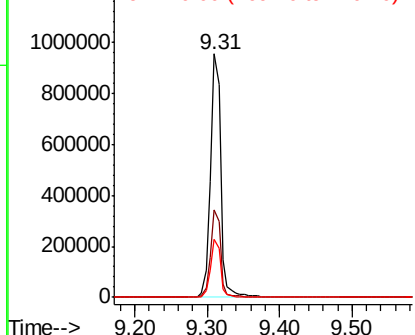
#45
 2-Fluorobiphenyl
 Concen: 116.623 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: BF110443.D
 Acq: 3 Nov 2018 6:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 944833
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 24.0 19.7 29.5

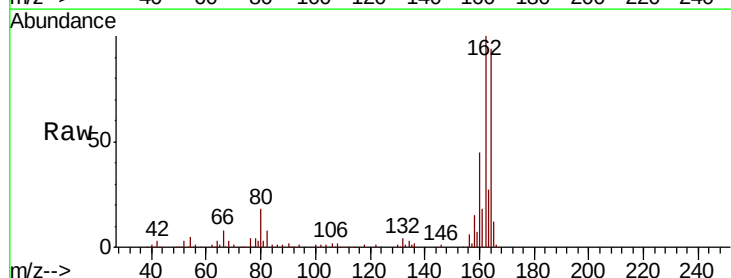


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

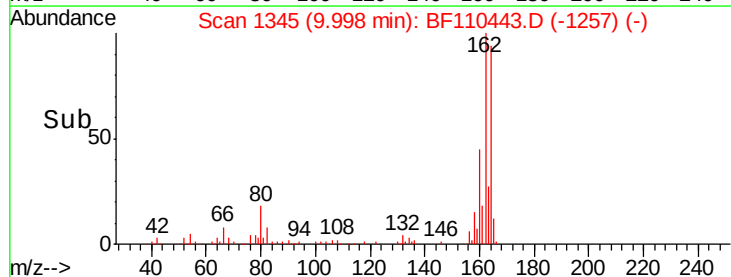
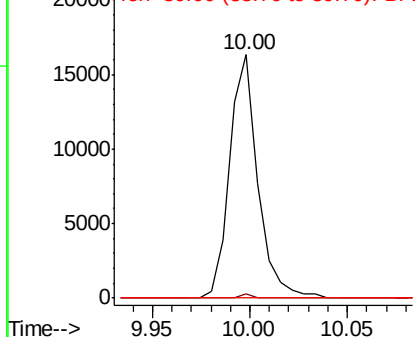


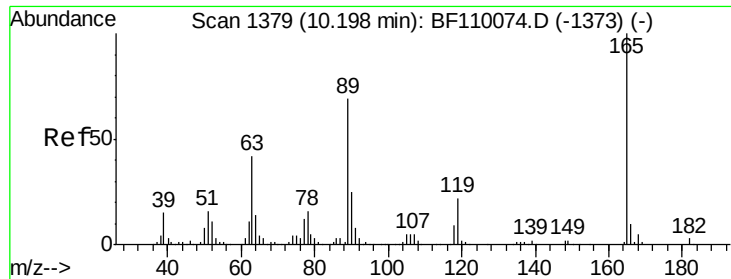
#51
 2,6-Dinitrotoluene
 Concen: 8.090 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. 0.22 min
 Lab File: BF110443.D
 Acq: 3 Nov 2018 6:42

Tgt Ion:165 Resp: 16365
 Ion Ratio Lower Upper
 165 100
 63 2.0 48.9 73.3#
 89 0.0 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

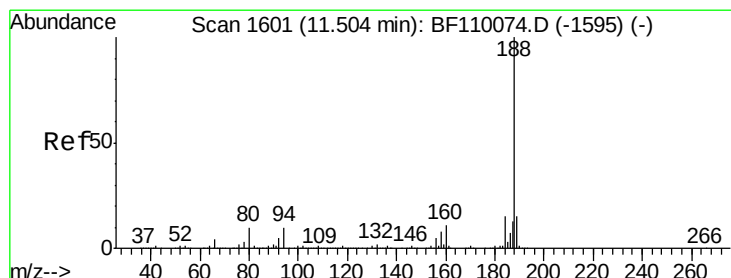
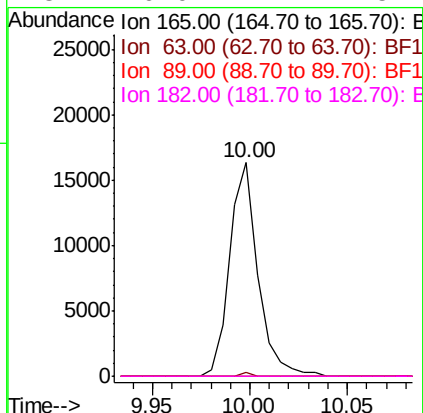
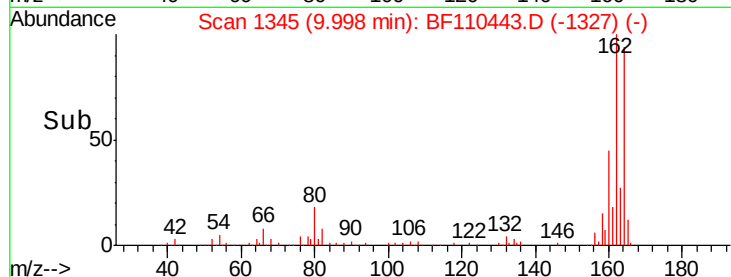
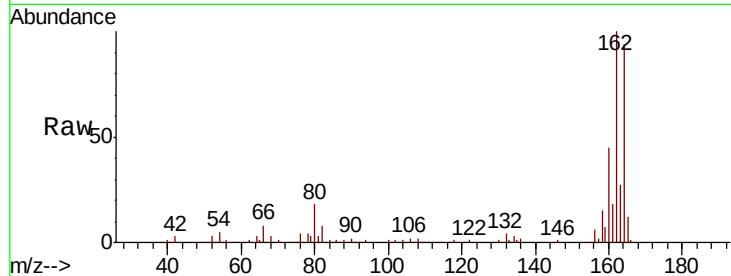




#57
 2,4-Dinitrotoluene
 Concen: 6.369 ng
 RT: 10.00 min Scan# 1345
 Delta R.T. -0.19 min
 Lab File: BF110443.D
 Acq: 3 Nov 2018 6:42

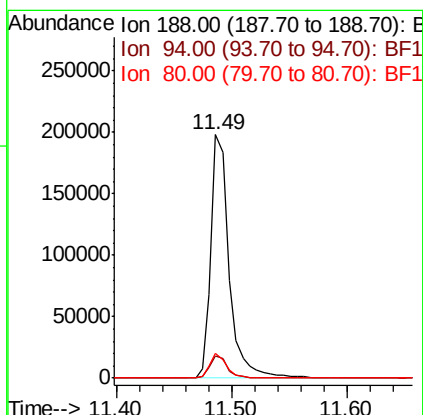
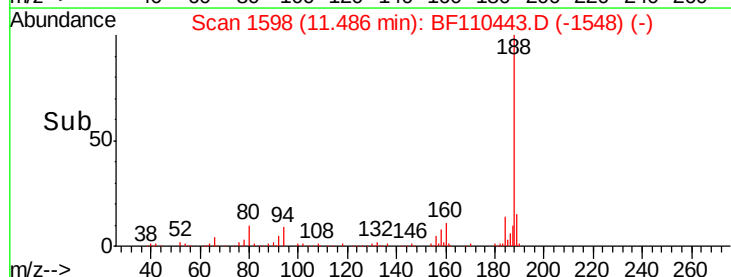
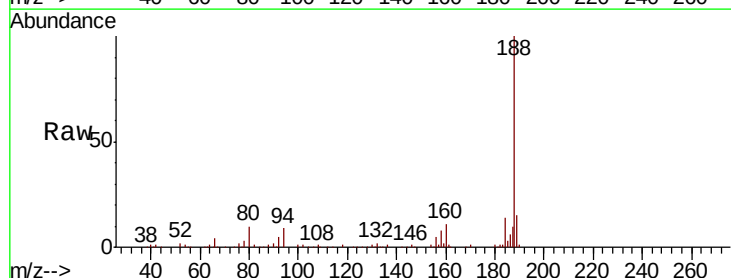
Instrument :
 BNA_F
 ClientSampleId :

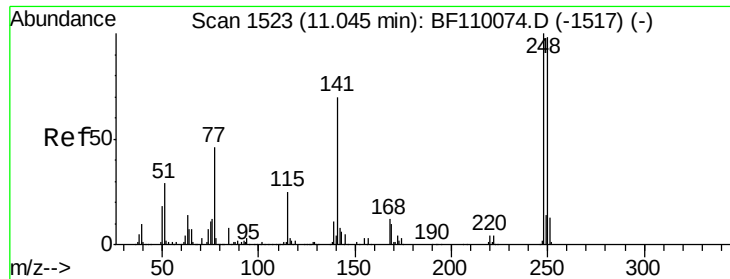
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BF110443.D
 Acq: 3 Nov 2018 6:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.3	7.9	11.9

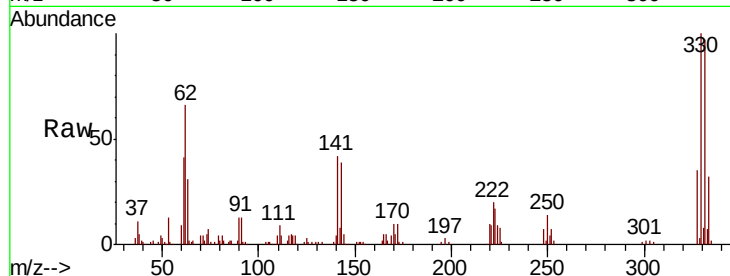




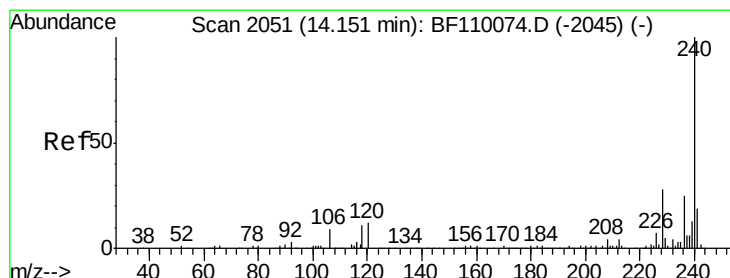
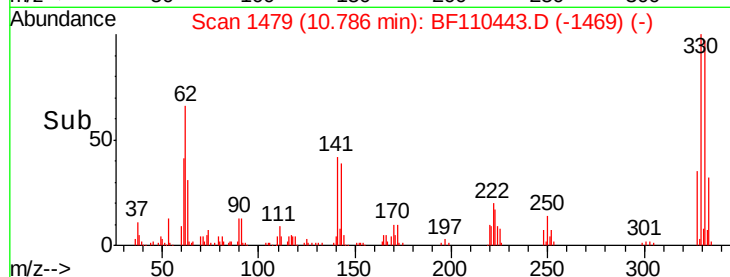
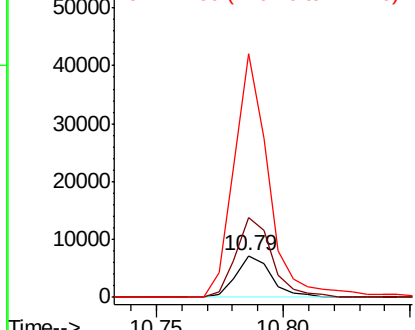
#67
4-Bromophenyl-phenylether
Concen: 2.922 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.24 min
Lab File: BF110443.D
Acq: 3 Nov 2018 6:42

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 6939
Ion Ratio Lower Upper
248 100
250 191.9 79.4 119.2#
141 584.4 55.9 83.9#

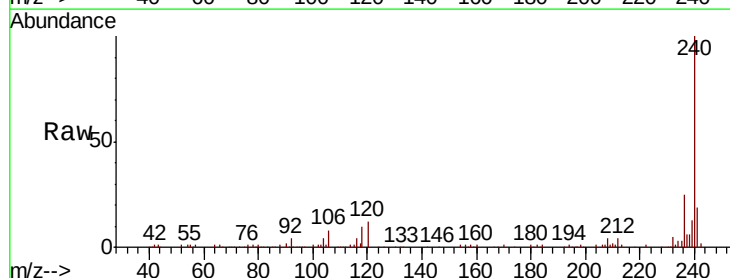


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

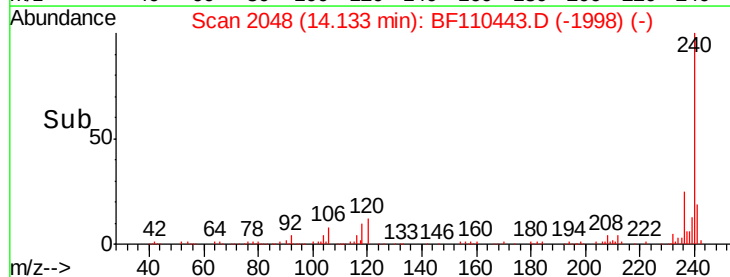
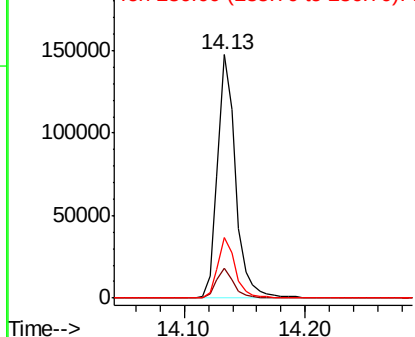


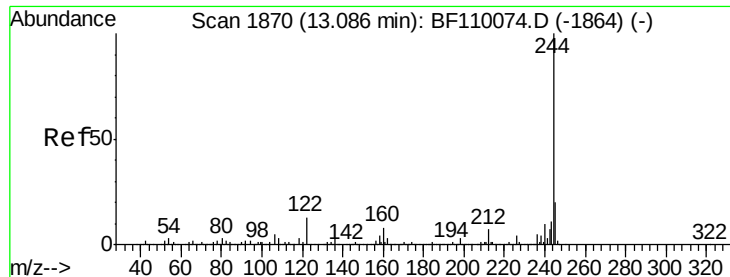
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110443.D
Acq: 3 Nov 2018 6:42

Tgt Ion:240 Resp: 151285
Ion Ratio Lower Upper
240 100
120 12.2 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: 118.467 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF110443.D

Acq: 3 Nov 2018 6:42

Instrument :

BNA_F

ClientSampled :

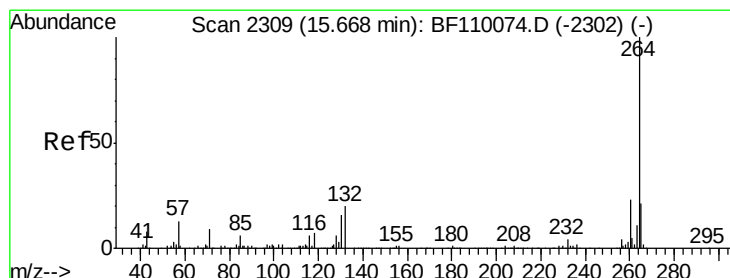
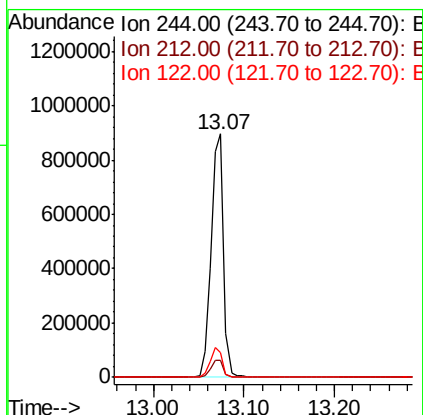
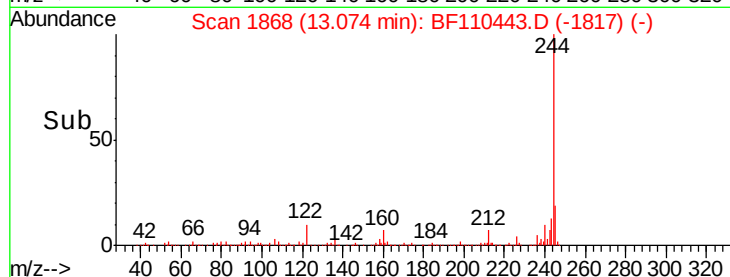
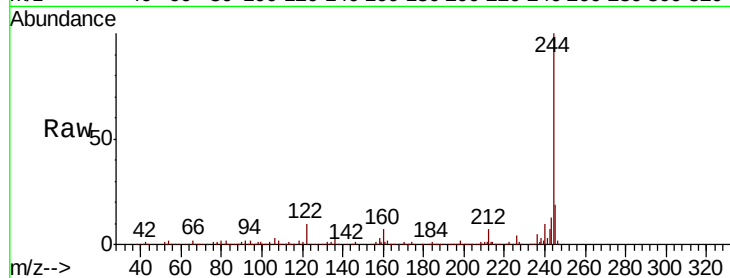
Tot Ion:244 Resp: 861770

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

122 10.2 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110443.D

Acq: 3 Nov 2018 6:42

Tgt Ion:264 Resp: 109295

Ion Ratio Lower Upper

264 100

260 21.9 18.7 28.1

265 19.6 16.7 25.1

