

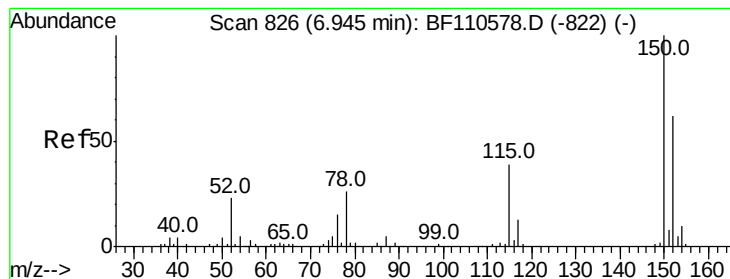
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110636.D
 Acq On : 9 Nov 2018 19:20
 Operator : JU/SJ
 Sample : J5864-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:23:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	74371	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	304553	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	151027	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	305586	20.00	ng	0.00
76) Chrysene-d12	14.13	240	242609	20.00	ng	-0.01
87) Perylene-d12	15.66	264	148782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	606763	132.52	ng	0.00
7) Phenol-d6	6.57	99	768084	131.19	ng	0.00
23) Nitrobenzene-d5	7.51	82	483525	91.43	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	187810	123.41	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	885788	83.76	ng	0.00
79) Terphenyl-d14	13.06	244	948344	73.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	14520	2.764	ng	84
10) Phenol	6.58	94	50192	7.393	ng	# 69
19) n-Nitroso-di-n-propylamine	7.51	70	63430	16.972	ng	# 80
25) Isophorone	7.51	82	483522	55.785	ng	# 67
50) Dimethylphthalate	9.69	163	56200	4.987	ng	100
51) 2,6-Dinitrotoluene	9.99	165	19248	7.764	ng	# 23
57) 2,4-Dinitrotoluene	9.99	165	19248	5.972	ng	# 19
67) 4-Bromophenyl-phenylether	10.78	248	12179	3.606	ng	# 1

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

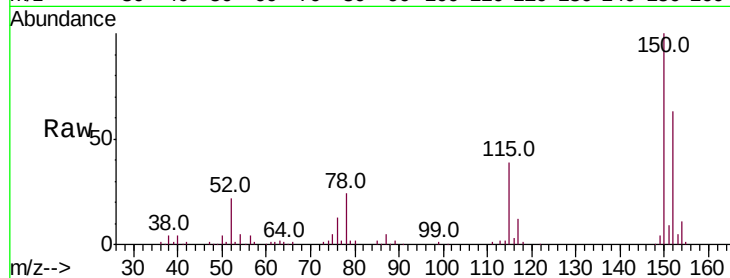


#1

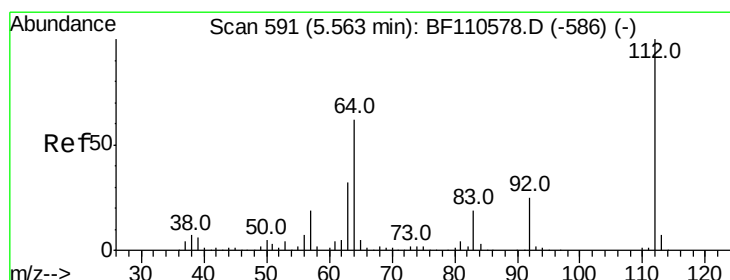
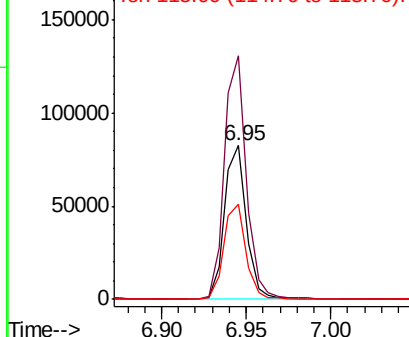
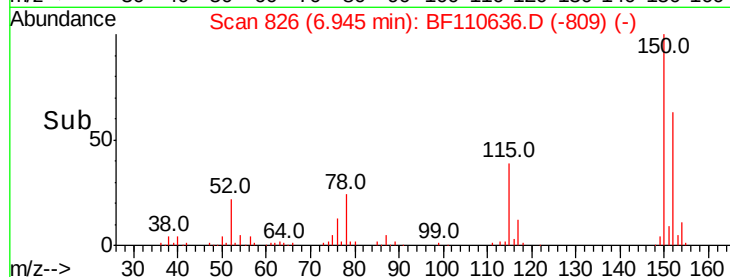
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110636.D
Acq: 9 Nov 2018 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74371
Ion Ratio Lower Upper
152 100
150 158.4 122.7 184.1
115 61.9 49.1 73.7



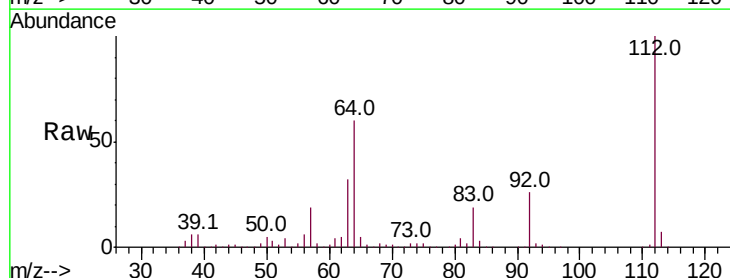
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



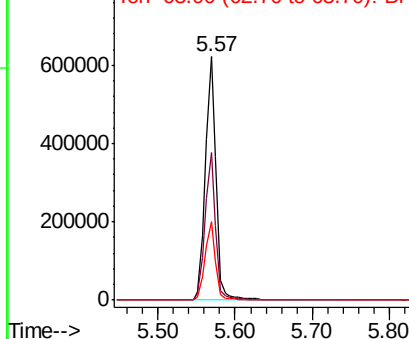
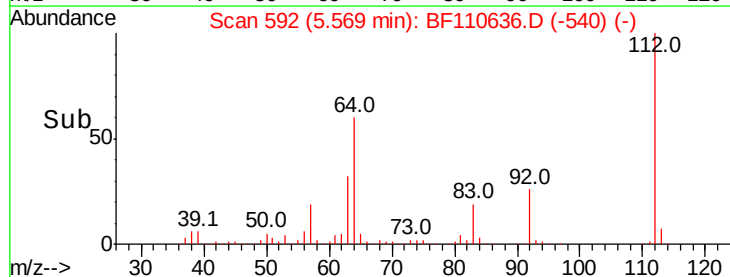
#5

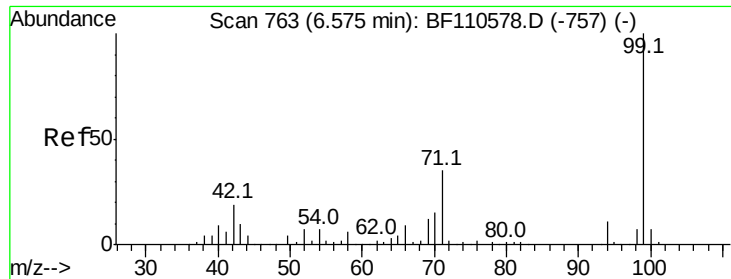
2-Fluorophenol
Concen: 132.521 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110636.D
Acq: 9 Nov 2018 19:20

Tgt Ion:112 Resp: 606763
Ion Ratio Lower Upper
112 100
64 60.5 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: 131.186 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110636.D

Acq: 9 Nov 2018 19:20

Instrument :

BNA_F

ClientSampleId :

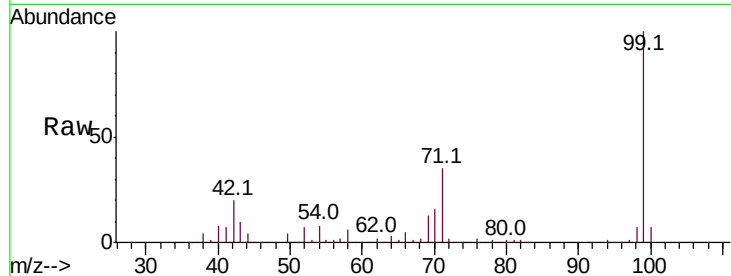
Tot Ion: 99 Resp: 768084

Ion Ratio Lower Upper

99 100

42 19.8 15.8 23.6

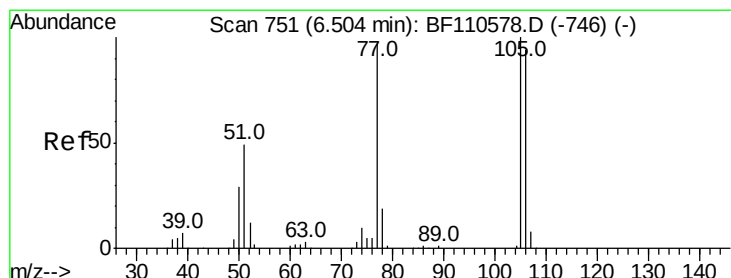
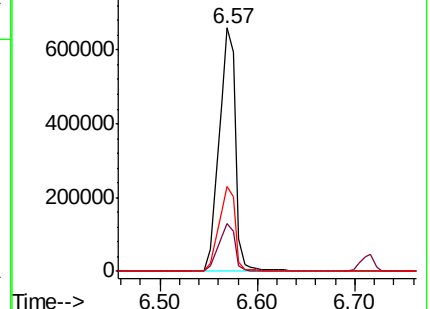
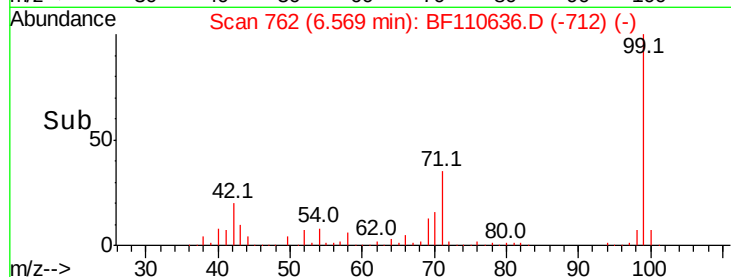
71 34.9 28.0 42.0



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



#9

Benzaldehyde

Concen: 2.764 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.21 min

Lab File: BF110636.D

Acq: 9 Nov 2018 19:20

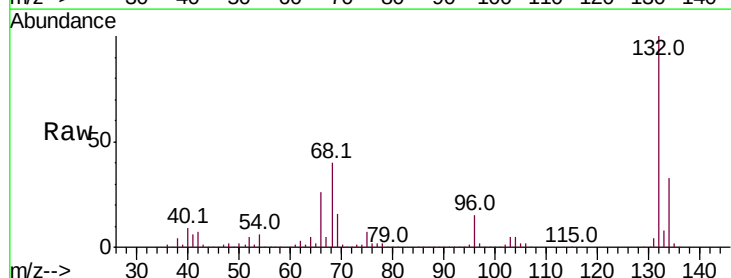
Tgt Ion: 77 Resp: 14520

Ion Ratio Lower Upper

77 100

105 84.7 78.6 118.6

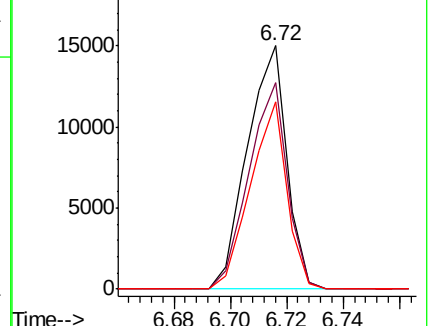
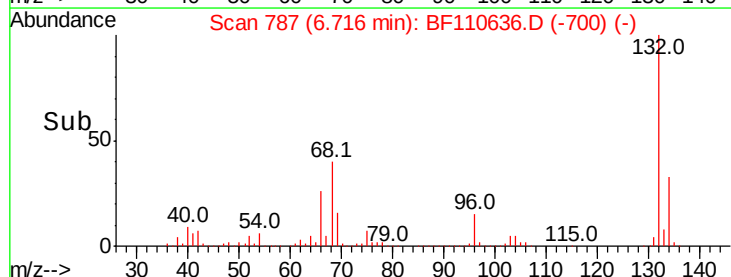
106 77.1 74.8 114.8

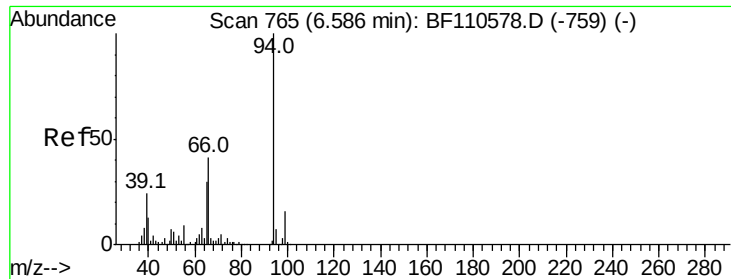


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

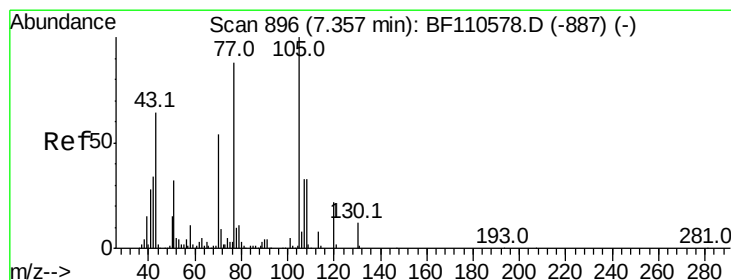
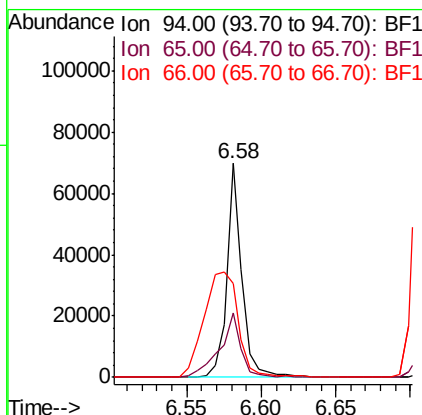
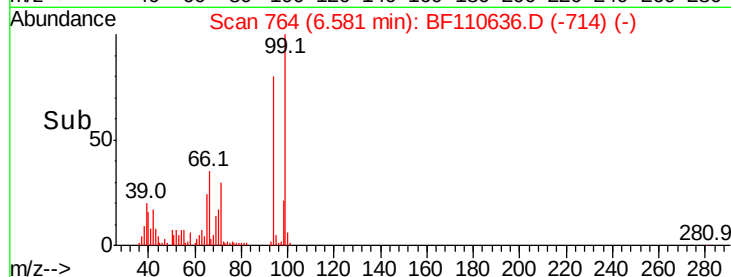
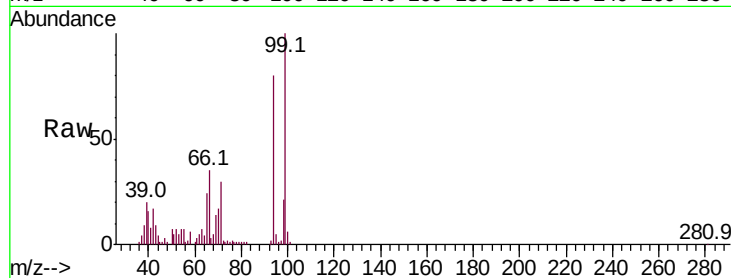




#10
Phenol
Concen: 7.393 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF110636.D
Acq: 9 Nov 2018 19:20

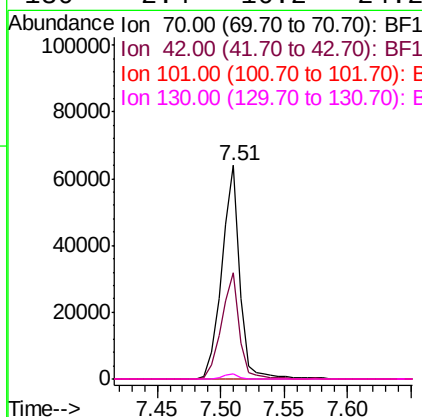
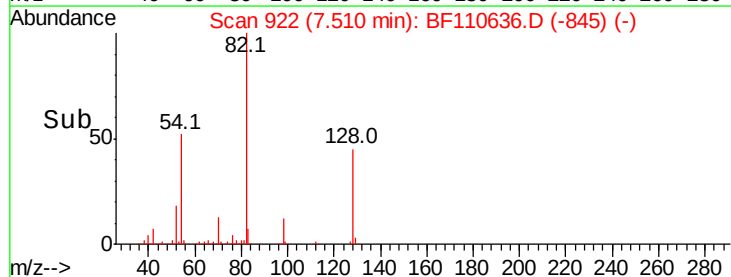
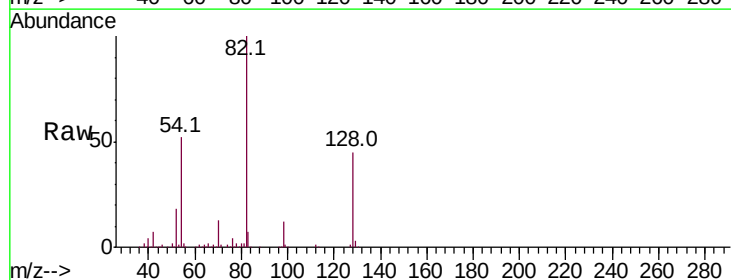
Instrument :
BNA_F
ClientSampleId :

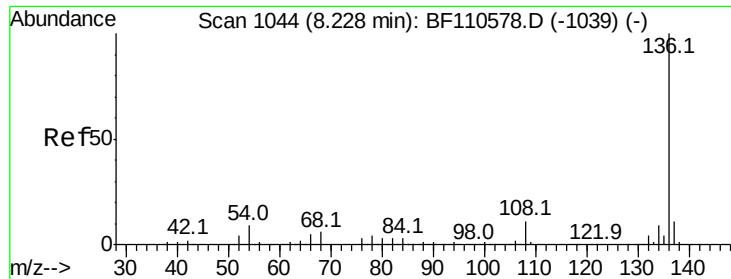
Tot Ion: 94 Resp: 50192
Ion Ratio Lower Upper
94 100
65 30.3 25.3 65.3
66 43.7 54.5 94.5#



#19
n-Nitroso-di-n-propylamine
Concen: 16.972 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110636.D
Acq: 9 Nov 2018 19:20

Tgt Ion: 70 Resp: 63430
Ion Ratio Lower Upper
70 100
42 50.0 47.4 71.2
101 0.0 7.3 10.9#
130 2.4 16.2 24.2#

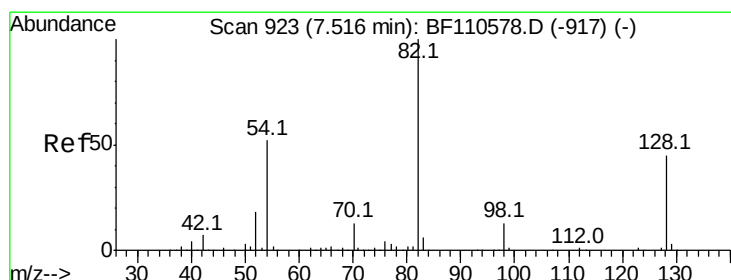
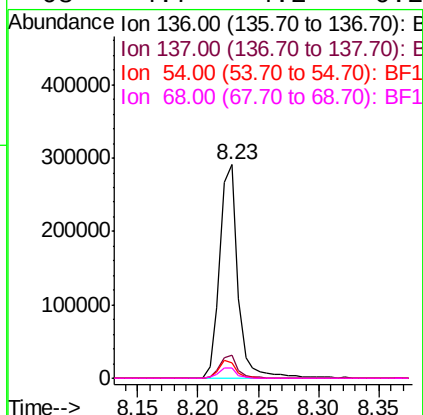
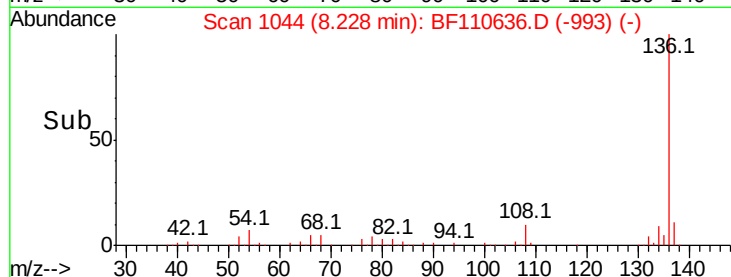
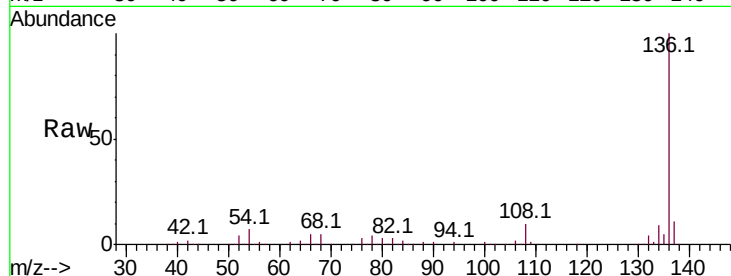




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110636.D
Acq: 9 Nov 2018 19:20

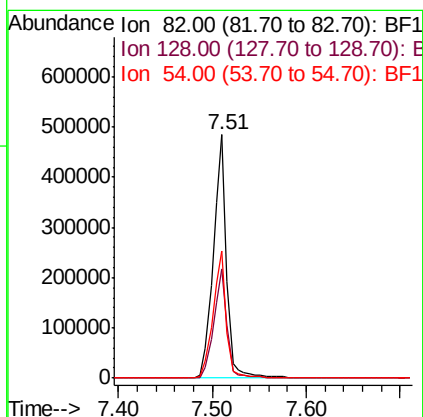
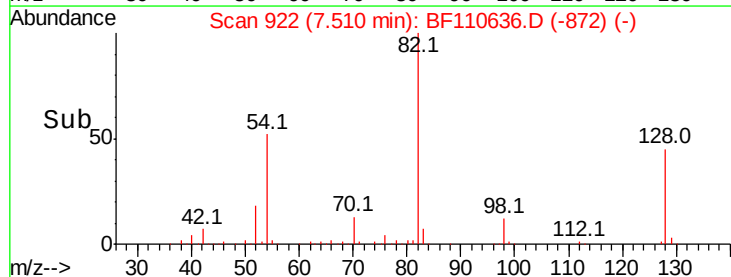
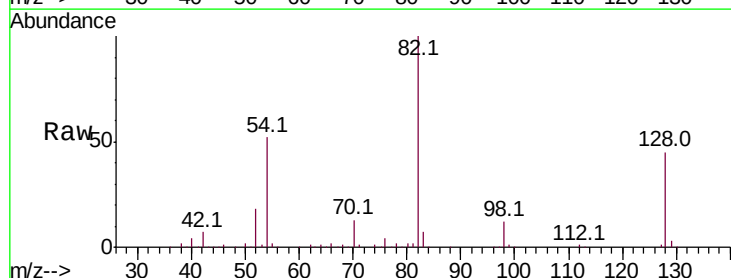
Instrument :
BNA_F
ClientSampleId :

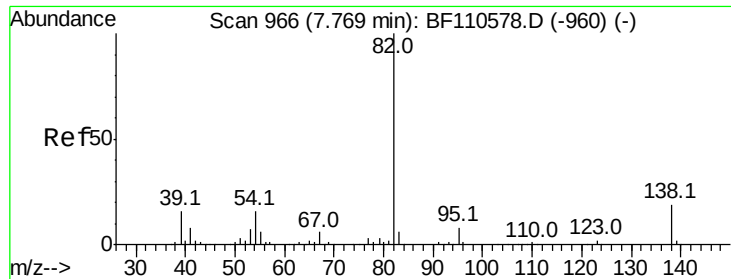
Tot Ion:136	Resp:	304553
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	7.2	5.4 8.2
68	4.7	4.2 6.2



#23
Nitrobenzene-d5
Concen: 91.432 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110636.D
Acq: 9 Nov 2018 19:20

Tgt Ion: 82	Resp:	483525
Ion	Ratio	Lower Upper
82	100	
128	45.0	34.2 51.2
54	52.3	38.6 58.0

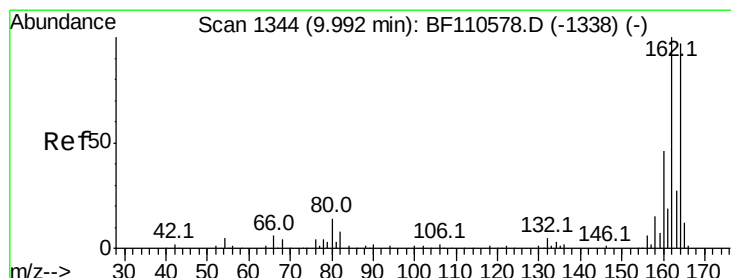
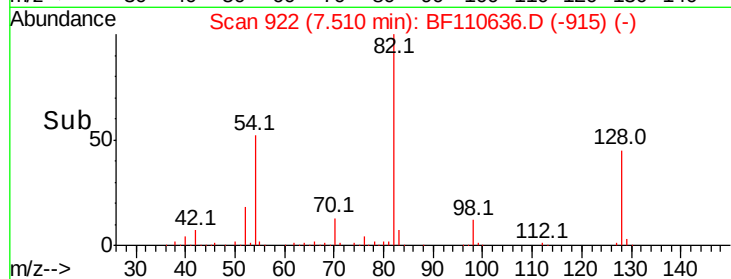
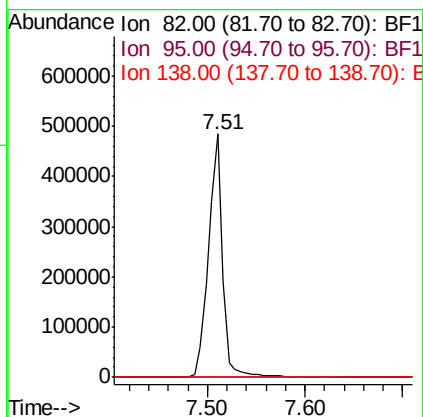
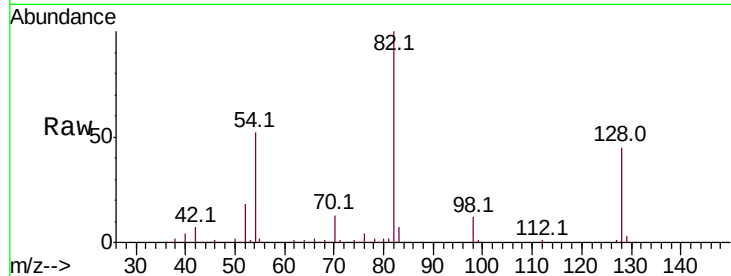




#25
Isophorone
Concen: 55.785 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110636.D
Acq: 9 Nov 2018 19:20

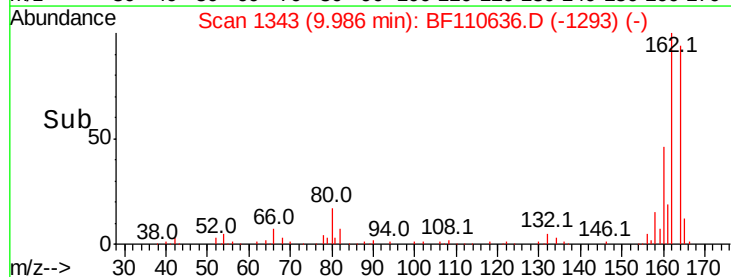
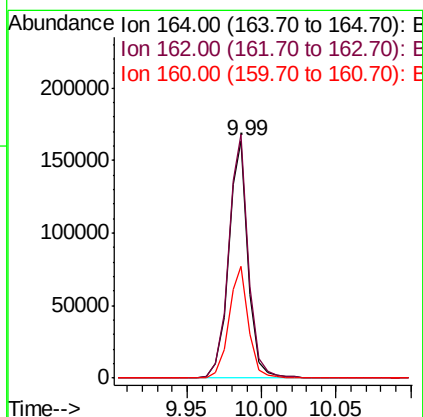
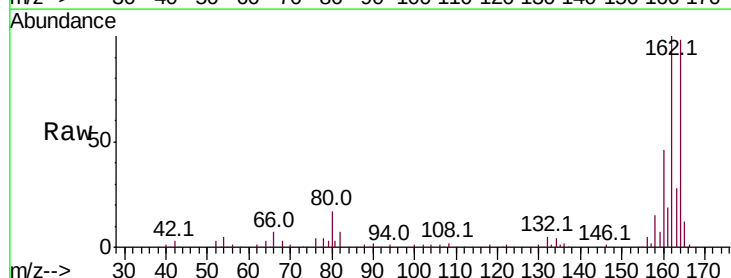
Instrument :
BNA_F
ClientSampleId :

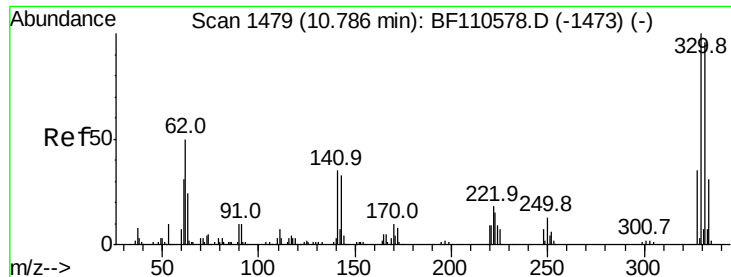
Tot Ion: 82 Resp: 483522
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110636.D
Acq: 9 Nov 2018 19:20

Tgt Ion:164 Resp: 151027
Ion Ratio Lower Upper
164 100
162 102.5 83.0 124.6
160 47.1 37.0 55.6

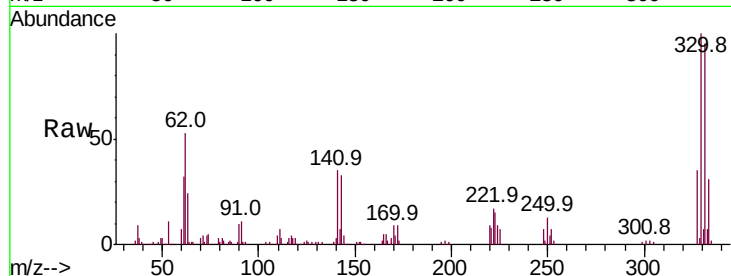




#42
 2,4,6-Tribromophenol
 Concen: 123.414 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110636.D
 Acq: 9 Nov 2018 19:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	37.8	27.0	40.4

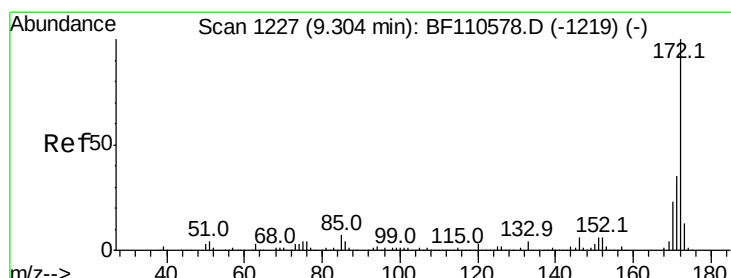
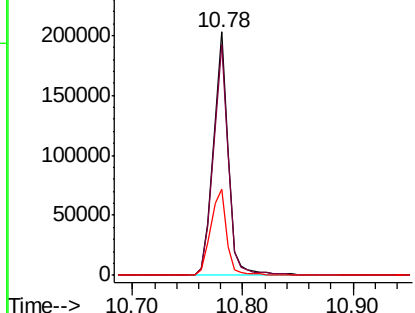
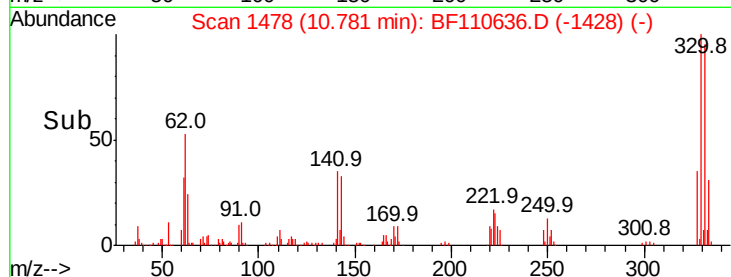


Abundance

Ion 329.80 (329.50 to 330.50): E

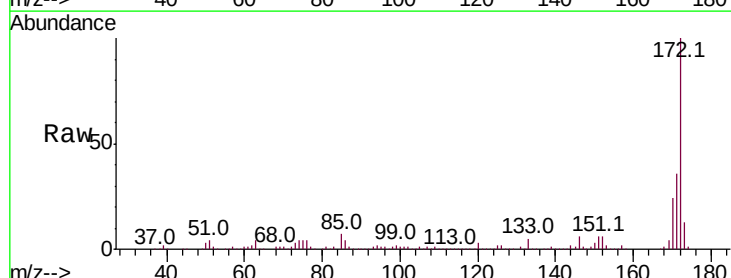
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.764 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110636.D
 Acq: 9 Nov 2018 19:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.6	19.7	29.5

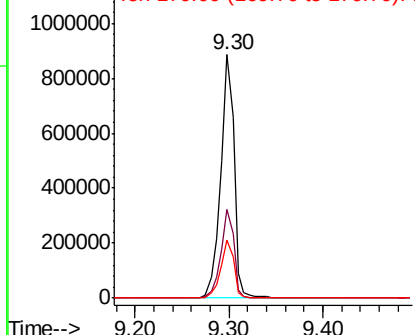
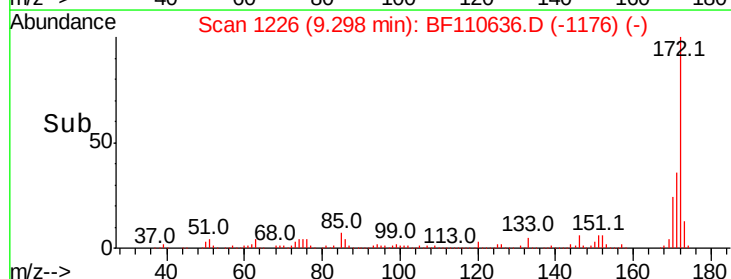


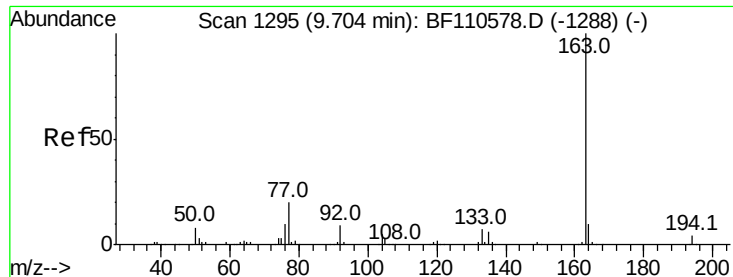
Abundance

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: 4.987 ng

RT: 9.69 min Scan# 1293

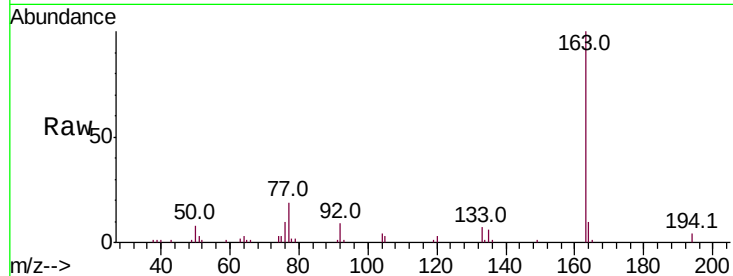
Delta R.T. -0.01 min

Lab File: BF110636.D

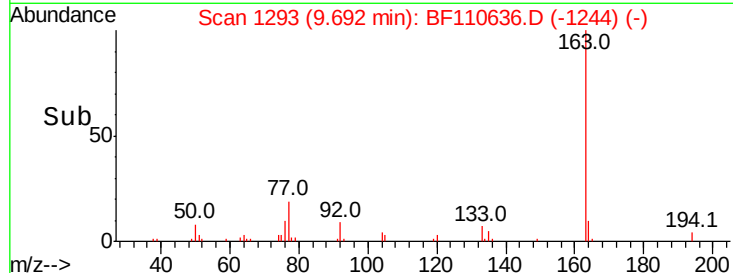
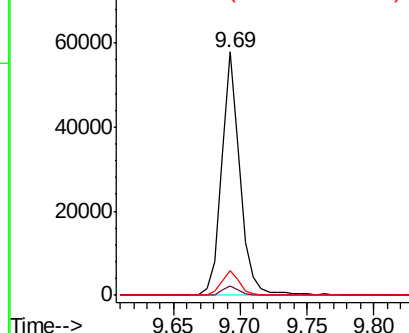
Acq: 9 Nov 2018 19:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163	Resp:	56200
Ion Ratio	Lower	Upper
163	100	
194	4.0	3.2 4.8
164	10.1	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



#51

2,6-Dinitrotoluene

Concen: 7.764 ng

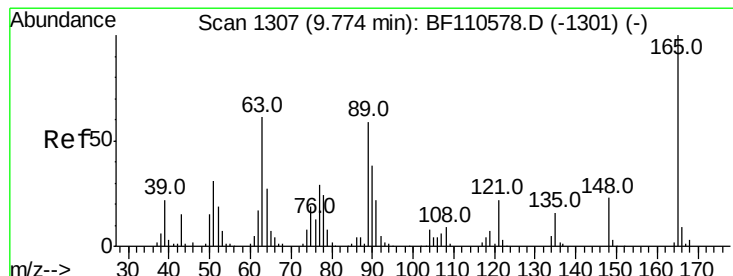
RT: 9.99 min Scan# 1343

Delta R.T. 0.21 min

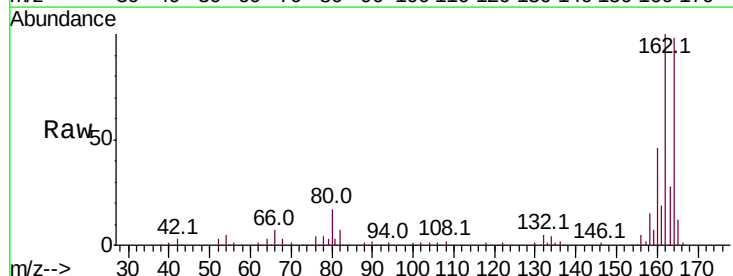
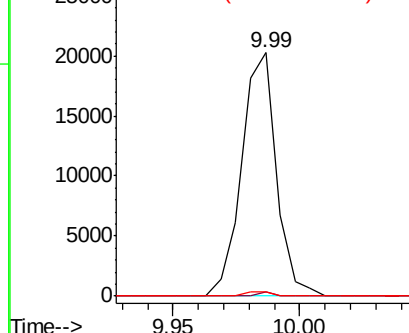
Lab File: BF110636.D

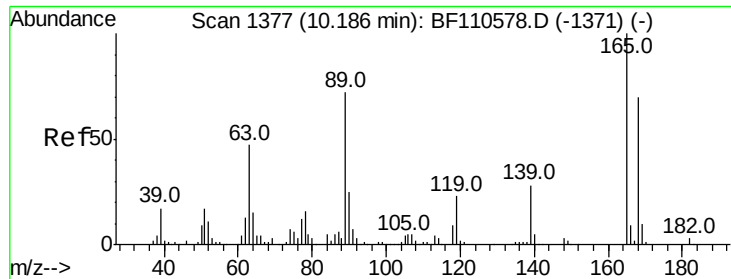
Acq: 9 Nov 2018 19:20

Tgt Ion:165	Resp:	19248
Ion Ratio	Lower	Upper
165	100	
63	1.5	48.9 73.3#
89	2.0	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

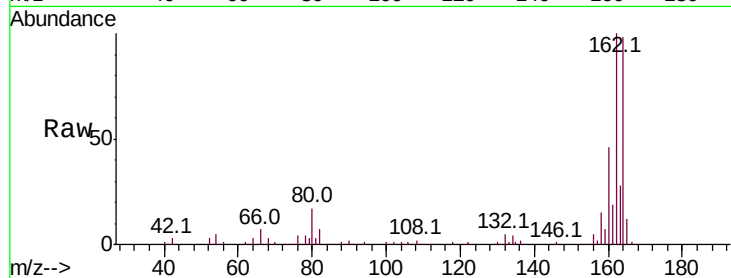




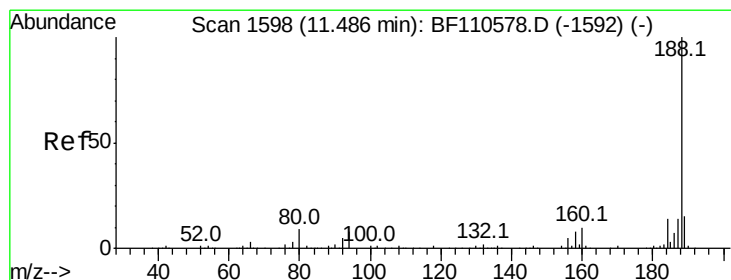
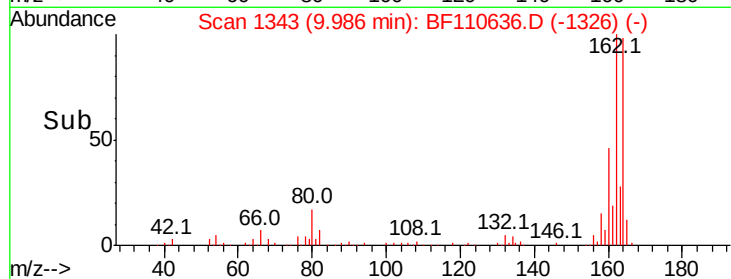
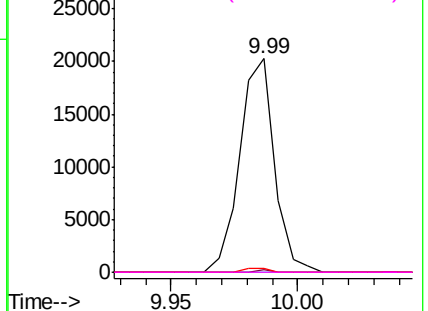
#57
 2,4-Dinitrotoluene
 Concen: 5.972 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110636.D
 Acq: 9 Nov 2018 19:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 19248
 Ion Ratio Lower Upper
 165 100
 63 1.5 44.8 67.2#
 89 2.0 62.2 93.4#
 182 0.0 2.1 3.1#

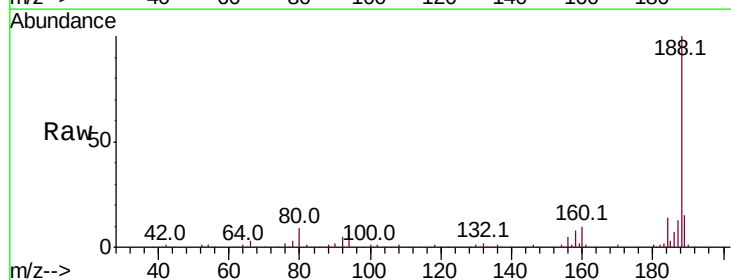


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

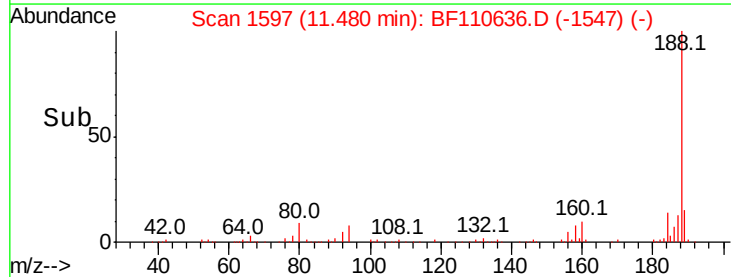
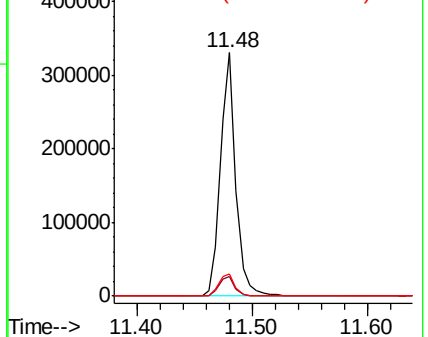


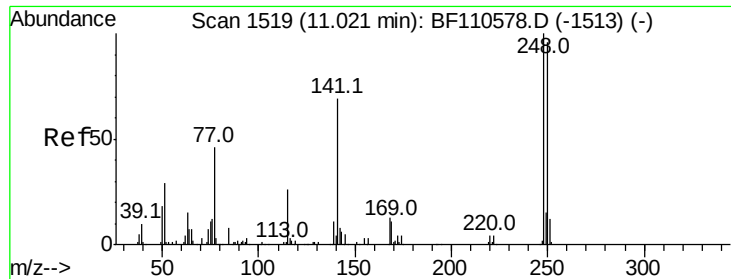
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110636.D
 Acq: 9 Nov 2018 19:20

Tgt Ion:188 Resp: 305586
 Ion Ratio Lower Upper
 188 100
 94 8.1 7.2 10.8
 80 9.0 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

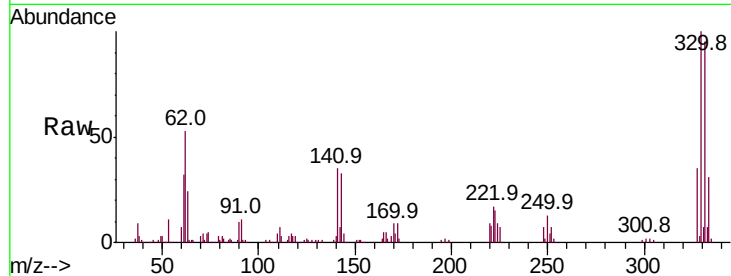




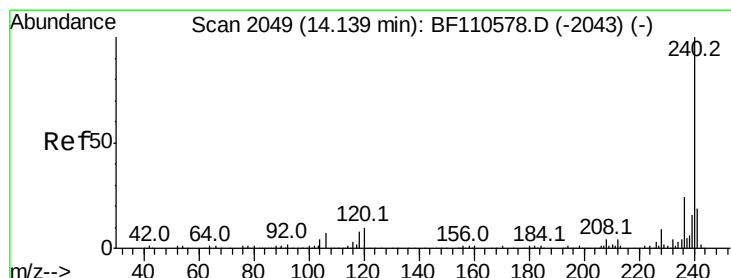
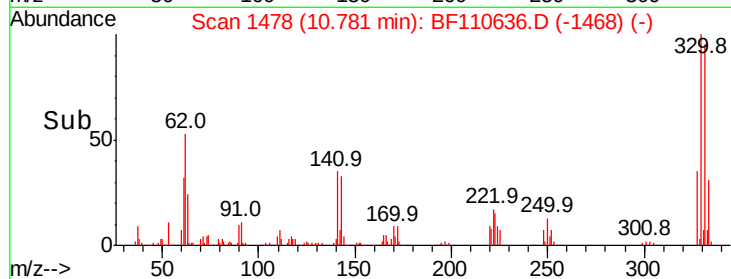
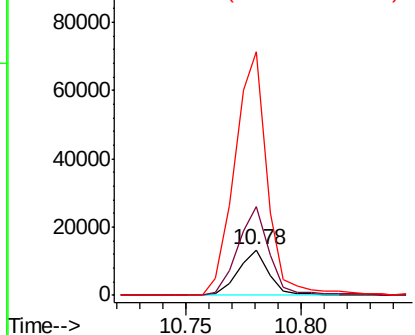
#67
 4-Bromophenyl-phenylether
 Concen: 3.606 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110636.D
 Acq: 9 Nov 2018 19:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12179
 Ion Ratio Lower Upper
 248 100
 250 196.7 79.4 119.2#
 141 538.6 55.9 83.9#

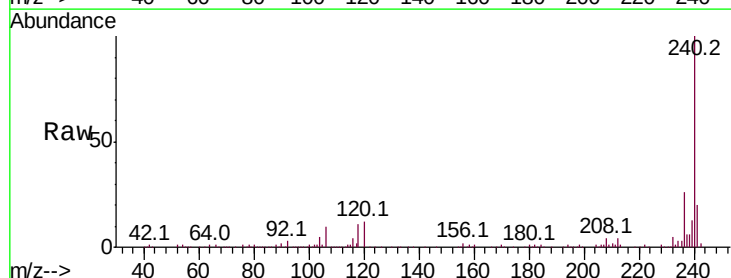


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

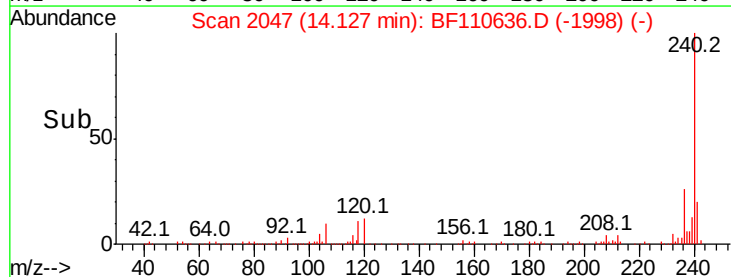
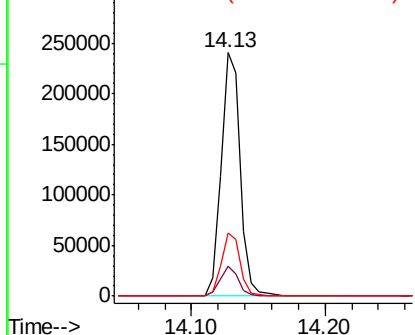


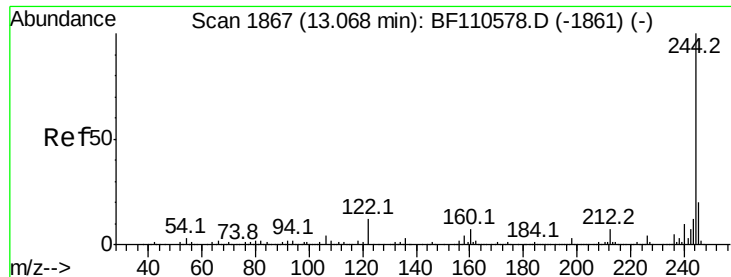
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110636.D
 Acq: 9 Nov 2018 19:20

Tgt Ion:240 Resp: 242609
 Ion Ratio Lower Upper
 240 100
 120 12.4 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: 73.205 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110636.D

Acq: 9 Nov 2018 19:20

Instrument :

BNA_F

ClientSampleId :

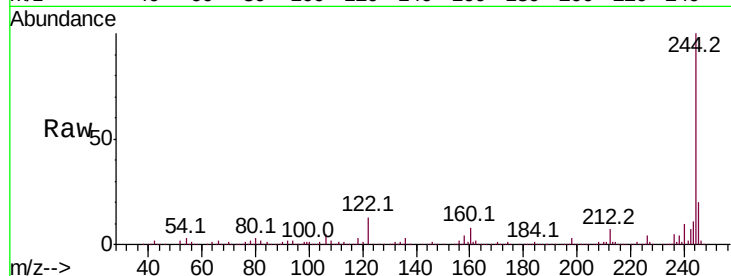
Tot Ion:244 Resp: 948344

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

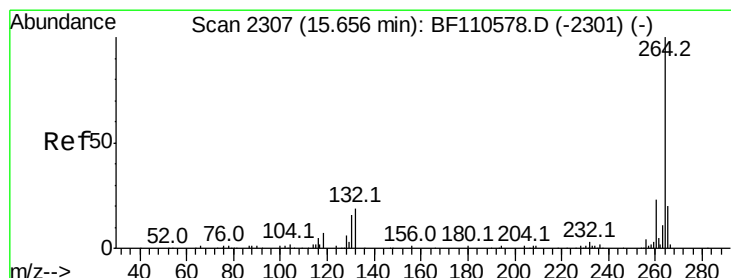
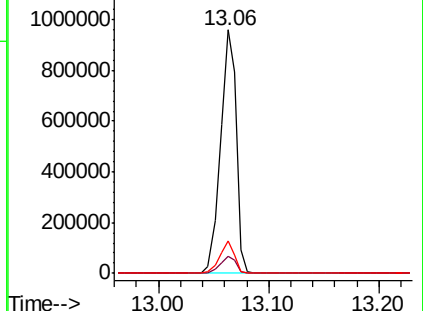
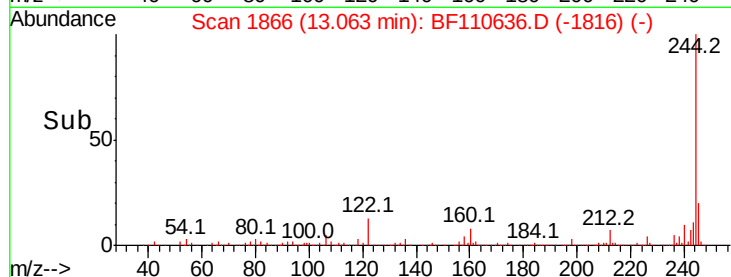
122 13.2 8.7 13.1#



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: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110636.D

Acq: 9 Nov 2018 19:20

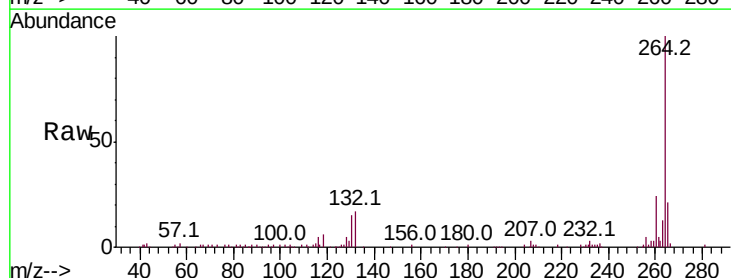
Tgt Ion:264 Resp: 148782

Ion Ratio Lower Upper

264 100

260 24.1 18.7 28.1

265 20.9 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

